Estate of Chemetco, Inc.

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August 16, 2012

Erin Rednour
State Project Coordinator
Illinois EPA RPMS/BOL
1021 North Grand Avenue East
Springfield, IL 62794-9276

James L. Morgan
Assistant Attorney General
Environmental Bureau
500 Second Street
Springfield, IL 62706

Re: **2nd Quarter 2012 Progress Report**
Interim Order (Civil Case No. 00-670-DRH, 00-677-DRH (consolidated))

Dear Mrs. Rednour and Mr. Morgan:

As required by paragraph 34 of Section X. REPORTING REQUIREMENTS of the Interim Order, this letter documents the progress by the Bankruptcy Estate of Chemetco, Inc. ("Estate") during the months of April, May, and June and are being reported under the 2nd Quarter 2012 Progress Report. If you have any questions, please do not hesitate to contact me at my office, 618/254-4381 x372 or by cell phone at 314-348-8211.

Sincerely
ESTATE OF CHEMETCO, INC.

Jorge Y. Garcia PG
EH&S Manager

CC: Michelle Kerr, USEPA Region 5 Superfund
Chris Cahnovsky, Regional Mgr, IEPA-Collinsville Office
Donald Samson, Trustee
Elliott Stegin, IAD/Paradigm
Penni Livingston, Livingston Law Firm

Attachment

INTERIM ORDER
2ND QUARTER 2012
PROGRESS REPORT

ESTATE OF CHEMETCO, INC.
HARTFORD, ILLINOIS

August 16, 2012

ESTATE OF CHEMETCO
3754 CHEMETCO LANE
HARTFORD, ILLINOIS 62048

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SECTIONONE Compliance Actions

1.0 Actions Taken Toward Achieving Compliance with the Interim Order in 2nd Quarter 2012:

1.1 Pot Slag Work Plan for Sales of Facility Assets

1.1.1 Pot Slag Shipments

No shipments of Pot Slag were made during the 2nd Quarter 2012.

1.1.2 Pot Slag - Demobilization and Decontamination

No demobilization and decontamination activities associated with Pot Slag shipments occurred during the 2nd Quarter 2012.

1.1.3 Pot Slag - Waste Generation

Solid Waste: No Pot Slag waste was generated during the 2nd Quarter 2012.
Decon Debris: No decon and/or debris associated with Pot Slag shipments were generated during the 2nd Quarter 2012.
Wastewaters/Sludges: No wastewater/sludges associated with the management of Pot Slag were generated during the 2nd Quarter 2012.

1.2 Copper Furnace Cleanup Solids Work Plan for Sales of Facility Assets

1.2.1 Copper Furnace Cleanup Solids Shipments

No shipments of Copper Furnace Cleanup Solids were made during the 2nd Quarter 2012.

1.2.2 Copper Furnace Cleanup Solids - Demobilization and Decontamination.

No demobilization and decontamination activities associated with Copper Furnace Cleanup Solids shipments occurred during the 2nd Quarter 2012.

1.2.3 Copper Furnace Cleanup Solids - Waste Generation

Solid Waste: No Copper Furnace Cleanup Solids waste was generated during the 2nd Quarter 2012.
Decon Debris: No decon and/or debris associated with Copper Furnace Cleanup Solids shipments were generated during the 2nd Quarter 2012..
Wastewaters/Sludges: No wastewater/sludges associated with the management of Copper Furnace Cleanup Solids were generated during the 2nd Quarter 2012.

1.3 Scrubber Sludge/mixed with fines Work Plan for Sales of Facility Assets

1.3.1 Scrubber Sludge/mixed with fines Shipments

During the 2nd Quarter 2012, the Estate sold approximately 2,800 Metric Tons (MT) of Scrubber Sludge/mixed with fines to California Metals and Alloy Corp. (CMAC). The Estate and Aerotek Services (Aerotek), subcontractor to the Estate loaded the Scrubber Sludge/mixed with fines into 1 MT supersacks. The supersacks were then loaded into 20-ft sea containers for shipment. Each sea container held 20 supersacks. A total of One hundred forty two (142) - 20 ft. sea containers were loaded during the 2nd Quarter 2012. A summary of the scrubber Sludge/mixed with fines that was shipped internationally during the 2nd Quarter 2012 is shown on **Table 1.** A summary of historical shipments is shown in **Table 2. Tables 1** and **2** are included in **Appendix A.**

1.3.2 Scrubber Sludge/mixed with fines- Demobilization and Decontamination

No demobilization and decontamination activities associated with Scrubber Sludge/mixed with fines shipments occurred during the 2nd Quarter 2012.

1.3.3 Scrubber Sludge/mixed with fines - Waste Generation

Solid Waste: Solid waste associated with the Scrubber Sludge/mixed with fines was generated during the 2nd Quarter 2012. The solids were determined by generator knowledge to be "hazardous waste (D006, D008)." These wastes (i.e. old supersacks, wooden debris, plastic, metal, etc) were temporarily placed in satellite containers (i.e. steel hopper) that were located adjacent to the west loading dock of the Dome building. The contents were transferred to a 40 cubic yard (CY) roll off that Aerotek is using for disposal of hazardous waste material during loading activities. The full 40 CY roll off will be managed properly and will be sent off for disposal.

Decon Debris: Small quantities of decon and/or debris associated with the Scrubber Sludge/mixed with Fines were generated during the 2nd Quarter 2012. The decon debris was determined by generator knowledge to be "hazardous waste (D006, D008)." These wastes were temporarily placed in satellite container (i.e. steel hopper) that is currently located adjacent to the west loading dock of the Dome building. In addition, Personal Protective Equipment (PPE) was placed in plastic trash bins that are being used as satellite containers. Once the bins were full, the contents were transferred to the on site 40 CY roll offs designated for disposal of hazardous material. The 40 CY roll off will be managed properly and will be sent off for disposal.

Wastewaters/Sludges: Small quantities of wastewater/sludges associa management of Scrubber Sludge/mixed with fines were generated during the 2 Quarter 2012. The wastewater was generated while deconning the equipment. The wastewater was contained within the confines of the Dome building. Due to the high weather temperatures, the wastewater evaporated.

1.4 Scrap Metal Work Plan for Sales of Facility Assets

As previously stated in the 1st Qtr 2012 Report, demolition activities have been completed as of December 16 ,2011, as such future scrap metal shipments will be solely non-demolition scrap metal. During the 2nd Qtr 2012, Aerotek and Estate personnel began gathering scrap metal that was located throughout the facility, and stock piled it adjacent to the west of the former foundry building.

1.4.1 Scrap Metal Shipments

All the scrap metals shipments were made in accordance with the Scrap Metal Work Plan. Approximate 79.7 tons of scrap steel/metal from the perimeter of the facility. The scrap steel/metal was loaded and shipped to Grossman Steel out of St. Louis, MO.

Table 3 presents a summary of all the scrap metal shipped during the 2nd Quarter 2012. **Table 4** presents a summary of all historical scrap metal material shipments to date. It should be noted that the **Table 4** includes scrap metal shipments associated with both; demolition scrap metal and non demolition scrap metal. **Tables 3** and **4** are included in **Appendix B.**

1.4.2 Scrap Metals - Demobilization and Decontamination

No demobilization and decontamination activities associated with scrap metal shipments occurred during the 2nd Quarter 2012.

1.4.3 Scrap Metals – Waste Generation

Solid Waste: No solid wastes associated with the shipments of scrap metals were generated in the 2nd Quarter 2012.

Decon Debris: No decon and/or debris associated with the shipments of scrap metals were generated in the 2nd Quarter 2012.

Wastewaters/Sludges: No wastewater/sludge associated with the management of scrap metals was generated in the 2nd Quarter 2012.

1.5 Demolition Work Plan for Sales of Facility Assets

All Demolition Work under the Demolition Work Plan (Demo Plan) was completed on December 14, 2011. Refer to **Figure 1** for location of the completed demolition areas.

1.5.1 Demolition Work Scrap Metal Shipments

All the demolition work has been completed and no further shipments of demolition scrap metals are expected to be made.

1.5.2 Demolition Work Scrap Metals - Demobilization and Decontamination

All the demolition work has been completed and no further demobilization and decontamination is expected to be made.

1.5.3 Demolition Work Scrap Metals – Waste Generation

Solid Waste: The demolition work has been completed and no further waste generation is expected to be made.

Decon Debris: The demolition work has been completed and no further generation of decon debris is expected to be made.

Wastewaters/Sludges: The demolition work has been completed and no further generation of wastewater associated with demolition activities is expected to be made.

1.6 Work Plans for RCRA Closures

1.6.1 Brick Shop Container Storage Area Closure Status

A "No Further Action" (NFA) letter was issued by IEPA on March 3, 2010, As such, no further action is required, and closure of the Brick Shop Container Storage Area is considered complete.

1.6.2 AAF Decontamination Area and Sump Closure Status

On June 24, 2010, a Demolition Work Plan (Demo Plan) was approved by IEPA.

The AAF SWMU closure work was incorporated into the Demo Plan and closure work was scheduled to be performed under the Demo Plan. Decontamination of the AAF area and sump closure was performed during the 3rd and 4th Quarter 2010. According to AIS, the sump area was pressured washed with water from the deep well, and the discharge pipe sealed with concrete. On December 14, 2011 during the demobilization exit meeting the IEPA, USEPA, AIS, Estate of Chemetco, and Paradigm Personnel discussed a deliverables schedule. It was agreed by all that a

Demolition Summary Report (DSR) would be submitted to IEPA and USEPA by March 15, 2012 of the 1st Quarter 2012. Also, a RCRA Closure Report for the AAF Decontamination Area and Sump Area would be submitted as an Appendix to the DSR. . The DSR was electronically submitted to IEPA and USEPA on May 31, 2012 and hard copy on June 6, 2012. However, the RCRA Closure report for the AAF area was not included in the DSR, but is expected to be submitted during the 3rd Qtr 2012.

1.6.3 Black Acid Tank Closure Status

The Black Acid Tank (located inside the southeast corner of the Tank House) is considered a RCRA Solid Waste Management Unit (SWMU). As such, the tank closure should follow RCRA closure guidelines. The Black Acid Tank closure was incorporated into the Demo Plan and the work was scheduled to be performed under the Demo Plan. During the 3rd and 4th Quarter 2010, the Black Acid Tank was removed from the Tank House cut in half, and moved east of the Tank House Building where it waits for disposal. The area within the Black Acid Tank was pressured washed and water was allowed to evaporate, remaining water was contained in the frac tank. Demolition activities were shut down by AIS during the 1st and 2nd Qtr. 2011. AIS resumed demolition activities during the 3rd Quarter and the demolition work was completed during the 4th Qtr 2011. The Black Acid Tank was loaded and taken by Grossman Steel for recycling.

On December 14, 2011, a meeting between IEPA USEPA, the Estate, and Paradigm personnel was held at the site to discuss deliverables for the completion of demolition work. During the meeting, IEPA indicated that the Black Acid Tank would not be able to obtain RCRA closure status due to soil contamination. The DSR was electronically submitted on May 31, 2012 and stated that a subsurface characterization may be warranted.

1.6.4 Foundry Building, AAF System, and Tank House Demolition Work Plan (Demo Plan) Status

The Demolition Summary Report was submitted on May 31, 2012. The DSR summarized all the Foundry Building, AAF system and Tank House demolition activities.

1.6.5 Furnace Removal Work Plan

The furnaces inside the foundry building were not taken down and were left in place, but were hosed down to remove the dust from decontamination activities.

During the 1st Quarter of 2012, conversations between Metallo Company out of Belgium and the Estate resumed and as such, negotiations for the purchase of the furnaces are underway and expect to have a final decision by the 3rd Quarter of 2012. Any changes on the status of the furnaces will be conveyed to the IEPA and USEPA in a timely manner.

1.7 Waste Management

During the 2nd Quarter 2012, one 40 cubic yard (CY) roll off containers and two 20 CY roll off containers containing Hazardous Waste material were generated during the scrubber sludge/mixed with fines loading activities and disposal of former feedstock material.
It should be noted that feedstock material was stored in drums and totes. These drums and totes were moved inside the Receiving Building during demolition activities. IEPA requested that these drums be placed in overpacks due to the quality of the existing drums. The Estate determined to dispose of the drums and its contents instead of repackaging them. The drums and material were disposed in 20 and 40 CY roll offs and are waiting disposal.

17.1 Hazardous Waste

Satellite Containers: At the end of the 2nd Quarter 2012 the Estate had two satellite containers in the maintenance shop that are being used by the Estate to accumulate oily absorbent pads and other misc organics. It should be noted that one of the 55 gallon drum contained PPE and some sludge from the decontamination of the frac tanks:

1.7.2 Hazardous Waste Containers – Awaiting Disposal

The following containers were generated during the 2nd Quarter 2012 and awaiting disposal.

- One 40 CY roll off container of hazardous waste. The roll off contain miscellaneous debris (i.e. wood debris, fiber supersacks, PPE, insulation, etc.) impacted with lead and cadmium and were generated from scrubber sludge/mixed with fines loading activities.

- Two 20 CY roll off containers of waste material. The roll offs contain primarily the contents of historical drums and totes that were stored in the receiving building. The contents of the drums were historically used as feedstock material by Chemetco.
- Three supersack containing soil contaminated with oil and metals. The soil was generated during the installation of power poles to restore power to the site. Where?

1.7.3 Hazardous Waste Disposal

The Estate did not dispose of any Hazardous Waste during the 2nd Qtr 2012.

A summary of hazardous waste disposed during the 2nd Qtr 2012is presented in **Table 4**. A summary of all historical hazardous waste disposals to date is presented in **Table 5. Tables 4** and **5** are located in **Appendix C**.

1.7.4 Disposal of Non-Hazardous Waste(s)

The Estate generates non-hazardous waste (ex. empty paper and administrate office, bathrooms and lunch room) during the 2nd Qtr 2012.
These wastes were disposed in the site's municipal waste dumpster serviced by Robert Sanders Waste Systems, Inc. at the Roxanna Landfill. These wastes are considered everyday normal waste and are not included in any tables associated with Demolition Activities.

A summary of non-hazardous waste disposed during the 2nd Qtr 2012 is presented in **Table 6**. A summary of all historical non-hazardous waste disposals is presented in **Table 7** located in **Appendix C**.

1.8 Operation and Maintenance Status

1.8.1 Operations and Maintenance Plans Status

On October 24, 2008, the Estate submitted to the State of Illinois the following required Operation and Maintenance Plans that are currently awaiting approval by IEPA:

(1) Fugitive Emissions Plan
(2) Stormwater Management Plan
(3) Groundwater Monitoring Plan
(4) Security Plan – WSEPA
(5) Contingency Plan

1.8.2 Fugitive Emissions Plan

There was no evidence of reportable fugitive emissions during the 2nd Qtr 2012 on the Chemetco site.

1.8.3. Stormwater Management Plan

As required by the Estate's NPDES Permit IL0025747 Outfall #005, copies of the electronically Discharge Monitoring Reports and analytical results for the discharge of stormwater from the Stormwater Basin for the months of April, May, and June 2012 are located in **Appendix D**.

1.8.4 Groundwater Monitoring Plan

The Estate does not perform any groundwater monitoring.

1.8.5 Security Plan

On May 14, 2010, the Estate and IAD secured the services of Securitas to provide security for the site during after working hours (i.e. 7:00 pm to 3:00 am Monday thru Sunday). In addition, at the request of USEPA, the Estate submitted a "Security Plan and Action Items" on May 25, 2010. The objective of the Security Plan was to address areas of security deficiency, and securing areas of the site where trespassers could gain access to the interior of the site and conceivably pose a potential risk to human health.

Nearly all of the Action Items were completed during the 4th Quarter 2010, as such, the Estate requested, and USEPA agreed to reduce the weekly submittals to bi-weekly. During the 1st Qtr 2011, the Estate requested and USEPA conditionally agreed to reduce the bi-weekly submittals to monthly submittals starting the May 27, 2011. The initial submittal included a project forecast to describe when site will be restored to existing condition prior to demolition activities. A revised proposed schedule was submitted to USEPA on August 31, 2011.

Since the 2nd Quarter 2011 the Estate has been submitting monthly security reports. Now that demolition activities have been completed, the Estate has begun to restore (where applicable) portions of the Site to pre-demolition conditions. The Estate restored the discharge pipes from the southeast and southwest sumps to return stormwater discharge to the onsite canals.

SECTIONONE Compliance Actions

During the 1st Qtr 2012, the Estate indicated that the Security Staff personnel would be reduced from two to one.

On the March 9, 2012 the Estate selected Wegman Electric out of East Alton, Illinois as the subcontractor to restore power to the site.

A summary of 2nd Quarter 2012 action items included:

- On May 16, 2012 power was restored to the site.
- On May 31, 2012 an alleged break in was reported by Paradigm Minerals to the Madison County Sheriff. The investigation is currently under investigation by the Madison County Sheriff Department.

Security reports submitted during the 2nd Quarter 2012 are included in **Appendix E**.

SECTIONTWO Summary of Results

2.0 Summary of Results of Sampling, Tests, and Other Data Received in 1st Quarter 2012:

2.1 Sales Materials Shipping Data. During the 2nd Qtr 2012, the Estate sold approximately 2,800 Metric Tons (MT) of Scrubber Sludge/mixed with fines to California Metals and Alloy Corp. (CMAC). Sale and shipping activities are described in Section 1. Summary **tables** (**1** and **2**) of shipping data generated during the 2nd Quarter 2012 are included in **Appendix A.**

2.2 Stormwater Release Data

The Estate of Chemetco manages stormwater through the NPDES Permit IL0025747 Outfall #005 (Stormwater Retention Basin). Surface water samples are collected monthly. Analytical data of eDMR (Electronic Discharge Monitoring Report) are electronically submitted to IEPA via state's website. Hard copies of the eDMR forms are included in **Appendix D.**

During the 2nd Quarter 2012, all parameters and constituents were below IEPA Effluent Water Quality Standards, except for Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), and Lead. COD results for April, and June were above the IEPA Effluent Water Quality Standards. TSS results for April, May, and June exceeded IEPA Effluent Water Quality Standards. Lead result for April was above the IEPA Effluent Water Quality Standards. It should be noted that during the month of April, average discharge flow was approximately 7.6 gallons per minute (gpm). It appears that any sediment that may have been trapped in the corrugated discharge pipe may have been dislodged by the high discharge flow. Lead concentrations for May and June returned to below water quality standards.

Table 9 presents a summary of 2nd Quarter 2012analytical results and is included in **Appendix D.**

SECTIONTHREE Completed Deliverables

3.0 Identify Submitted and Completed Work Plans and Other Deliverables Required by Interim Order in 2nd Quarter 2012

3.1 The Estate submitted Work Plans and Other Deliverables as follows:

3.1.1 Interim Order 1st Quarter 2012 Progress Report

The Estate submitted the 1st Quarter 2012 Progress Report, Interim Order (Civil Case No. 00-670-DRH, 00-677-DRH (consolidated)), dated May 23, 2012, to Erin Rednour, IEPA and James Morgan, Attorney General's office as required by the Interim Order. It should be noted that the Interim Order, which was set to expire on September 16, 2011, has been extended three times; February 1, 2012, April 30, 2012, and the last extension through September 4, 2012 to allow continuation of existing work under the approved work plans.

3.1.2 Demolition Work Plan

The Demolition Work Plan was submitted to IEPA on May 6, 2010. The Demolition Work Plan was approved by IEPA on June 24, 2010. The demolition work activities began in June during the 3rd Quarter 2010 and continued through the 4th Quarter 2010, Demolition activities were shutdown in January during the 1st Quarter 2011 through the 2nd Quarter 2011. Demolition activities by AIS resumed in July during the 3rd Quarter 2011. Demolition activities were completed in the 4th Quarter 2011 and on December 16, 2011 AIS demobilized from the site. COMPLETED.

On December 14, 2011, a meeting between IEPA USEPA, the Estate, and Paradigm personnel was held at the site to discuss deliverables for the completion of demolition work. A DSR that is due by March 15, 2012 of the 1st Quarter 2012. On March 14, 2012, the Estate requested an extension to submittal of the DSR until April 30, 2012.

On May 31, the Estate submitted an electronic Demolition Summary Report to the Agencies. Hard copy of the report and CD were mailed out on June 6, 2012.

3.1.3 Scrubber Sludge Work Plan

On October 14, 2010, The Estate of Chemetco and Paradigm Minerals submitted a Work Plan to IEPA requesting approval to sell Scrubber Sludge Material that is currently stored in the DIS building and Receiving Building. The Estate received

SECTIONTHREE Completed Deliverables

deficiency comments from IEPA on November 4, 2010. The Estate addressed the comments and a revised Scrubber Sludge Work Plan was submitted to IEPA on November 24, 2010. The Estate and Paradigm received conditional approval from IEPA on February 9, 2011.

During the 2nd Qtr 2011, the Estate and Paradigm negotiated the sale of the Scrubber Sludge mixed with fines (approximately 3,000 to 3,500 mt) to H&H Metals out of New York. On April 29, 2011 the Estate submitted Notification of Winning Bidder and Signed Contract to IEPA. On May 10, 2011, the Estate met on site with IEPA to discuss proposed changes to approved work plan. On the same day, the Estate submitted electronically via email an Addendum to the Work Plan describing proposed changes in order to properly load the material in sea containers. On June 2, 2011, the Estate received addendum approval to sell approximately 3000-3500 dry mt of Scrubber Sludge mixed with fines to H&H Metals, for Jiangxi Chenfei Cooper Industry Co, Ltd located in China. On July 26, 2001, the Estate and Paradigm received conditional approval of addendum to Scrubber Sludge Work Plan. Due to the volatile market, no scrubber sludge was shipped during the 3rd Quarter 2011. Loading of the material began in October 25, 2011.

During the 2nd Quarter 2012 (through end of June) approximately 92% of all the the scrubber sludge and scrubber sludge mixed with fines material has been loaded and shipped. The Estate expects the completion of loading material during the 3rd Quarter 2012.

3.1.4 Circuitry Board and Shredded Circuitry Board Work Plan

On January 25, 2012, the Estate of Chemetco submitted a Work Plan to IEPA requesting approval to sell Circuitry Board (CB) and Shredded Circuitry Board Material (SCBM) that is currently located west of the former Foundry building and next to the former scale. The SCBM is currently stored in Gaylord boxes inside the Receiving Building. On April 16, 2012, the Estate received conditional IEPA approval on and is currently waiting for an updated certificate of recycling.

3.2 Completed Work Plans and Other Deliverables

3.2.1 Cupro Work Plan

The Cupro Work Plan was completed in the 2nd and 3rd Quarter 2010. All of the Cupro Material has been sold, and no further shipment of saleable Cupro material is

SECTIONTHREE Completed Deliverables

expected. COMPLETED. A closure letter report is expected to be submitted during the 3rd Qtr 2012 to document closure under the Interim Order.

3.2.2 Caustic Tank Work Plan

The Caustic Tank Work Plan was completed in the 4th Qtr 2010. The Caustic Tanks was sold to Tank Trailer Cleaning (TTC) and removed from the Site and no additional work associated with the Caustic Tank is expected. COMPLETED.

3.2.2 Other Deliverables - Contained herein are copies of:

1. Summary of Scrubber Sludge/mixed with fines shipments during 2nd Quarter 2012, and Summary historical Scrubber Sludge/mixed with fines shipments are included as **Tables 1** and **2** located in **Appendix A.**
2. Summary of 2nd Quarter 2012 and historical Scrap Metal shipments, **Tables 3** and **4** located in **Appendix B.**
3. Summary of 2nd Quarter 2012 Hazardous Wastes and Non-Hazardous Waste, and historical Hazardous Wastes and Non-Hazardous disposal during the 2nd Quarter 2012 are included in **Tables 5, 6, 7** and **8** and are located in **Appendix C.**
4. Stormwater Discharge Monitoring Reports and summary of analytical results are presented in **Table 9** located in **Appendix D.**
5. Monthly Security Plan and Action Items Reports, located in **Appendix E.**

SECTIONFOUR Scheduled Actions for 3rd Qtr 2012

4.0 Describe Actions Scheduled for 3rd Quarter 2012 and Information Related to Progress.

4.1 Shipments Sales of Facility Assets

4.1.1 Pot Slag Shipments

Approximately less than 40 mt of pot slag remain on site. The Estate is assessing whether it is economically feasible to sell and ship only one container.

4.1.2 Copper Furnace Cleanup Solids Shipments

During the demolition of the foundry building, additional CFCS material was accumulated and temporarily stored in the northwest corner of the foundry building. The Estate has assayed the CFCS and prepared an addendum-2 to the approved CFCS work plan. The Estates expects to submit the addendum-2 during the 3rd Qtr 2012 for approval to sell and ship the remaining CFCS material.

4.1.3 Scrubber Sludge Shipments

The Estate shipped Scrubber Sludge/mixed with fines during the 2nd Quarter 2012, and expects to complete shipping the remaining material during the 3rd Quarter 2012.

4.1.4 Scrap Metal Shipments

The Estate gathered non-demolition scrap metal through the facility during the 2nd Quarter 2012 and expects to load and ship the scrap metal during the 3rd Quarter 2012.

4.2 Foundry Building, AAF System, and Tank House Demolition Work Plan (Demo Plan)

The demolition work under the approved demo work plan was completed on December 16, 2011. COMPLETED.

4.3 Demolition Summary Report

A Demolition Summary Report (DSR) was submitted to IEPA and USEPA on May 31 2012 of the 2nd Quarter 2012. The Estate had verbal communications with IEPA during the 2nd Quarter 2012 and expects to receive comments shortly. Response to comments will be addressed during the 3rd Quarter 2012.

4.4 Furnace Removal Work Plan

SECTIONFOUR Scheduled Actions for 3rd Qtr 2012

Metallo renewed their interest on the 3-TBRC furnaces located inside the Foundry Building, and during the 1st Quarter 2012 negotiations between the Estate and Metallo have resumed.

Now that the Foundry building has been taken down, the 3-TBRC furnaces are more accessible and easier to take down. The Estate and Metallo continue to discuss logistics and hopes to have final resolution soon. Any changes on the status of the furnaces will be conveyed to the IEPA and USEPA in a timely manner.

4.5 Pilot Plant Treatability Study

Information associated with the status of the Pilot Plant Treatability Study is solely being addressed by Paradigm Minerals & Environmental Services and representatives of USEPA, IEPA.

SECTIONFIVE Completed Action items

5.0 Percentage of Completion, Delays, and Mitigation

5.1 Shipments and Sales of Facility Assets

5.1.1 Cupro Shipments

Shipment of all saleable Cupro is 100% complete. The Estate shipped approximately 2,242 MT of Cupro. COMPLETED.

5.1.2 Pot Slag Shipments

Shipment of all saleable Pot Slag is approximately 98% complete. Less than approximately 40- MT of Pot Slag remains on site.

5.1.3 Copper Furnace Cleanup Solids Shipments

Shipment of all saleable Copper Furnace Cleanup Solids (CFCS) was originally completed prior to the beginning of demolition activities (June 2010). However, during the 4th Quarter 2011, approximately 400 MT of CFCS was gathered from the interior of the Foundry building. The Estate assayed the material during the 1st Quarter 2012, and submitted an addendum-2 to the existing CFCS Work Plan to IEPA. The Estate expects addendum-2 approval to sell this material during the 3rd Quarter 2012.

5.1.4 Scrubber Sludge/Mixed with Fines Shipments

During the 2nd Quarter 2012, the Estate sold approximately 2,800 Metric Tons (MT) of Scrubber Sludge/mixed with fines to California Metals and Alloy Corp. (CMAC). A total of 142 - 20 ft. sea containers were loaded during the 2nd Quarter 2012. The Estate expects to complete the shipment of the remaining material during the 3rd Quarter 2012.

5.1.5 Caustic Tank Work Plan

TTC removed the NaOH and the Poly AST during the 4th Quarter 2010 in accordance with the approved work plan. The tank was properly deconned by TTC using hot clean water brought from their facility, after deconning and removal of the water, the AST was loaded and transported to their facility in East St. Louis for their use. The Caustic Tank was removed and the work is deemed. COMPLETED.

SECTIONFIVE Completed Action items

5.1.6 Demolition Work Plan

AIS completed the demolition of the Foundry Building, Baghouse, AAF Area, and the interior of the Tank House as described in the approved Demo Plan. Demolition Work is deemed COMPLETED.

A Demolition Summary Report (DSR) was submitted to IEPA and USEPA on May 31, 2012.

5.2 Work Plans for RCRA Closures

5.2.1 Brick Shop Container Storage Area

100% complete and requires No Further Action and is considered CLOSED.

5.2.2 AAF Decontamination Area and Sump

The work was incorporated into the approved Demolition Plan and was completed as part of the demo work. The DSR was submitted on May 31, 2012. The DSR noted that the RCRA closure report for the AAF area and sump would be included as an Appendix to a DSR.

5.2.3 Black Acid Tank

The work was incorporated into the approved Demolition Plan and was completed as part of the demo work. During the December 14, 2011 meeting, the IEPA indicated that the Black Acid Tank would not obtain approval for RCRA closure status due to alleged soil contamination beneath the former tank location. The DSR was submitted on May 31, 2012 and stated that a subsurface characterization may be warranted.

SECTIONSIX Modifications

6.0 Modifications to Work Plans or Schedules Proposed or Approved by IEPA:

6.1 Work Plan Modifications

The Interim Order was set to expire on September 16, 2011. The Estate, Paradigm and IEPA were able to agree and obtain an extension to the Interim Order till November 30, 2011 in order to complete the Demolition Work. Because all existing work under the already approved work plan was not completed, additional extensions were approved for February 1, 2012, April 30, 2012 and the last extension till September 4, 2012 to complete all of the work under the already approved work plans.

6.1.1 Pot Slag Work Plan

Notification and/or revisions to the current Pot Slag Work Plan will be submitted to IEPA and USEPA concerning future selling of the remaining Pot Slag on Site.

6.1.2 Copper Furnace Cleanup Solids Work Plan

An addendum-2 to the Copper Furnace Cleanup Solids Work Plan was prepared during the 2nd Quarter 2011 to load the CFCS material from a different location as originally described. The addendum described using the west loading dock adjacent to the dome building because a portable loading ramp was not available. Notification and/or addendum to the current CFCS Work Plan will be submitted to IEPA and USEPA concerning future selling of the remaining CFCS on Site. During the demolition of the foundry building, additional CFCS material was accumulated and temporarily stored in the northwest corner of the foundry building. The Estate has assayed the CFCS and will prepare an addendum-2 to the approved CFCS work plan to sell and ship the remaining CFCS.

6.1.3 AAF Decontamination Area and Sump

The RCRA Closure Plan for the AAF Decontamination Area and sump was incorporated into the Demo Plan. The DSR was submitted on May 31, 2012 and the RCRA closure plan was to be submitted as an Appendix to the DSR. However, the AAF will require to be re-decontaminated in order for the area to be approved by a Professional Engineer in the State of Illinois. The Estate is currently working with consultants in order to provide the proper requirements for closure.

6.1.4 Black Acid Tank

The RCRA Closure Plan for the Black Acid Tank was into the Demo Plan. During the December 14, 2011 meeting, the IEPA indicated that the Black Acid Tank would not obtain approval for RCRA closure status due to alleged soil contamination. The DSR was submitted on May 31, 2012 and stated that a subsurface characterization may be warranted.

6.1.5 Scrubber Sludge Work Plan

During the 2nd Qtr 2011, the Estate and Paradigm negotiated the sale of the Scrubber Sludge and Scrubber Sludge mixed with fines to H&H Metals out of New York. On April 29, 2011 the Estate submitted Notification of Winning Bidder and Signed Contract. On May 10, 2011, the Estate met on site with IEPA to discuss proposed changes to approved work plan. On the same day, the Estate submitted electronically via email an Addendum to the Work Plan describing proposed changes in order to properly load the material in sea containers.

On June 2, 2011, the Estate received approval to sell approximately 3,000-3,500 dry MT of Scrubber Sludge mixed with fines to H&H Metals, for Jiangxi Chenfei Cooper Industry Co, Ltd located in China. Due to changes in international regulations, the scrubber sludge was required to be shipped in 1MT supersacks. Because the Estate's bagging mechanism was destroyed, Fred Weber Inc. (FW) was subcontracted by Paradigm to assist with the loading of the supersacks. On July 18, 2011 an Addendum depicting the supersack loading activities was submitted to IEPA. On July 26, 2011 the Estate of Chemetco received from IEPA conditional approval to proceed with the loading of Scrubber Sludge in 1MT Supersacks.
Fred Weber performed all the loading activities between October 26, 2011 and January 11, 2011. No additional loading activities were performed between January 12 2011 and March 13, 2012.

On March 2, 2012, the Estate submitted to IEAP an Addendum # 2 to the approved Scrubber Sludge Work Plan. The purpose of the Addendum was to inform IEPA that FW would no longer be providing loading services and the services would be provided by Aerotek Services. In addition, slight modifications were made to the bagging equipment to account for the removal of FW's own equipment.
Bagging and loading activities were performed by Aerotek Services and the Estate and resumed on March 14, 2012.

6.2 Schedule Modifications

On June 22, 2011 a Kick-Off Meeting was held at the site for AIS to inform the IEPA and USEPA their intention to resume demolition activities during the 3rd Qtr, 2011. AIS estimated that it will take approximately 2 to 3 months to complete the work. IEPA and USEPA requested that a revised work schedule. The revised work schedule was submitted during the 3rd Quarter 2011. The work was completed 2 months later than originally planned, but no modifications were made to the schedule. With the completion of demolition activities, no further schedule modifications are expected.

6.2.1 Pot Slag Work Plan

Less than 40 mt of pot slag remain on site. The Estate is assessing whether is feasible to load and ship only one container with the remaining material. If the Estates determine to be feasible, notification and/or submittal of an addendum to the approved Work Plan will be submitted prior to selling of the remaining Pot Slag.

6.2.2 Copper Furnace Cleanup Solids Work Plan

Additional CFCS were gathered from the interior of the Foundry building. An Addendum to the approved work plan will be submitted during the 3\rd Quarter 2012 to allow selling of the additional CFCS and to describe slight modifications to the loading activities as described in the approved CFCS Work Plan. The Estate expects addendum-2 submittal and approval to sell and ship the CFCS during the 3rd Qtr. 2012.

6.2.3 Scrubber Sludge/mixed with fines Work Plan

During the 2nd Qtr. 2011, the Estate and Paradigm negotiated the sale of the Scrubber Sludge and Scrubber Sludge mixed with fines to H&H Metals out of New York. On April 29, 2011 the Estate submitted Notification of Winning Bidder and Signed Contract. On May 10, 2011, the Estate met on site with IEPA to discuss proposed changes to approved work plan. On the same day, the Estate submitted electronically via email an Addendum to the Work Plan describing proposed changes in order to properly load the material in sea containers.

On June 2, 2011, the Estate received approval to sell approximately 3,000-3,500 dry MT of Scrubber Sludge mixed with fines to H&H Metals, for Jiangxi Chenfei Cooper Industry Co, Ltd located in China. Due to changes in international regulations, the scrubber sludge was required to be shipped in 1MT supersacks. Because the Estate's

bagging mechanism was destroyed, Fred Weber Inc. (FW) was subcontracted by Paradigm to assist with the loading of the supersacks. On July 18, 2011 an Addendum depicting the supersack loading activities was submitted to IEPA. On July 26, 2011 the Estate of Chemetco received from IEPA conditional approval to proceed with the loading of Scrubber Sludge in 1MT Supersacks.
As described in Section 6.1.5, slights modifications were made to the equipment due to FW removing their personally owned equipment. No further modifications were made during the 2nd Quarter 2012.

6.2.4 Pilot Plant Treatability Study

The Pilot Plant Treatability Study work continues to operate on a trial run basis. At this time, there is no firm date as to completion of process development work. During the 2nd Qtr 2011, Paradigm submitted a work plan titled "Scrubber Sludge and Slag Process Plan" dated March 4, 2011. Paradigm continues to work on additional deliverables. During the June 22, 2011 Demolition Activities Kick-off Meeting, Paradigm personnel, informed the IEPA that an Interim Pilot Plant Report could be submitted to IEPA and USEPA during the 3rd Qtr 2011. On August 15, 2011, Paradigm submitted a report titled "Supplemental Pilot Plant Summary Report" to IEPA and USEPA. Additional information associated with the Pilot Plant Treatability Study is solely being addressed by Paradigm Minerals & Environmental Services and representatives of USEPA, IEPA.

6.2.5 Demolition Work Plan

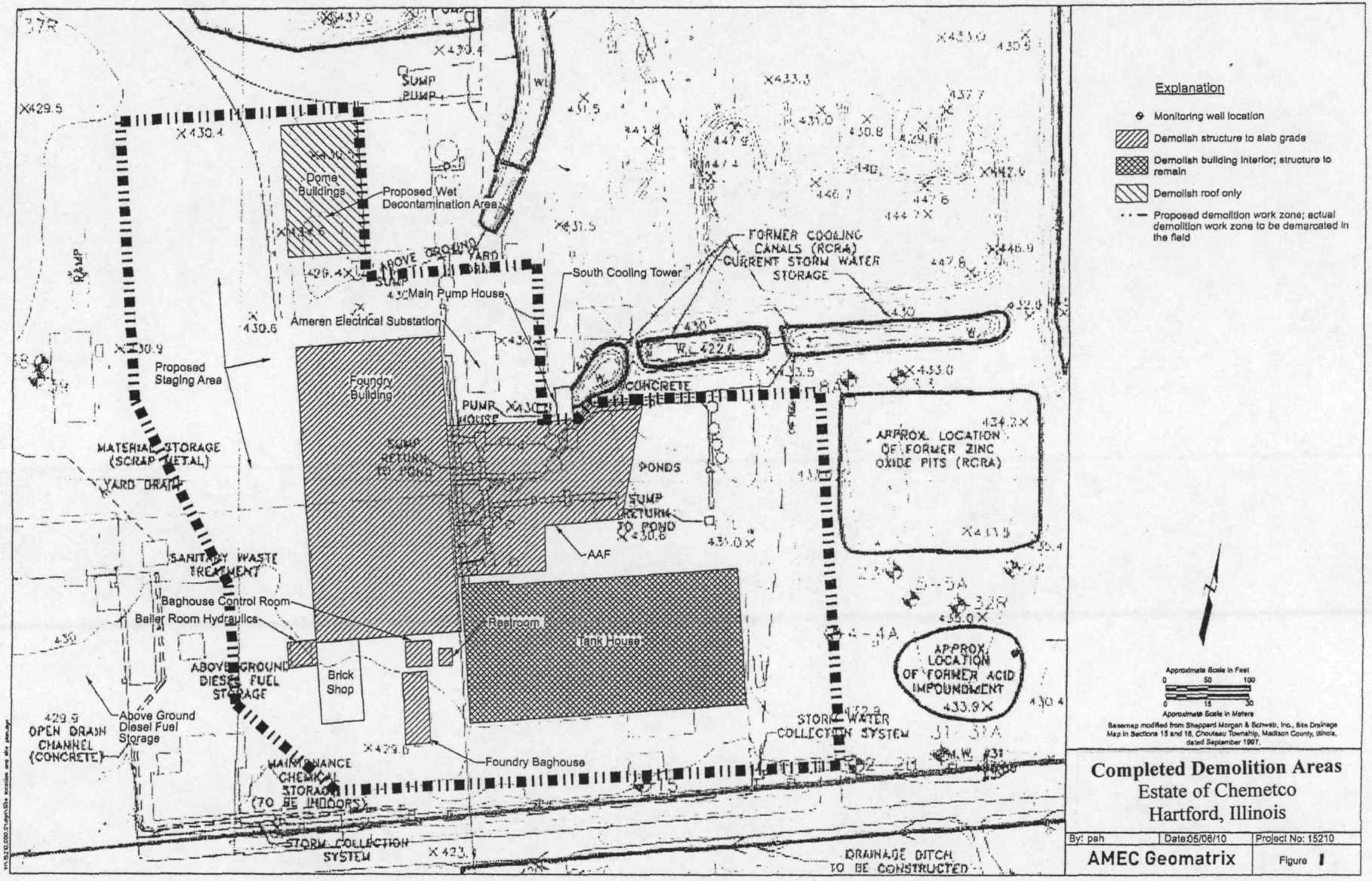
Final Demo Work Plan was approved by IEPA on June 24, 2010. Demolition work began in June 3rd Quarter 2010. The main power was shut off on December 3, 2010 to complete the work in the AFF area and begin work in the foundry building. Temporary generators were brought it to provide temporary power. Due to inclement whether, AIS informed IEPA and USEPA their intention to shutdown demolition activities. No Demolition activities occurred between January 19, 2011 of the 1st Qtr 2011 and June 30, 2011 of the 2nd Qtr 2011.

On June 22, 2011 a Kick-Off Meeting was held at the site for AIS to inform the IEPA and USEPA their intention to resume demolition activities in July during the 3rd Qtr, 2011. AIS estimated that it will take approximately 2 to 3 months to complete the work. IEPA and USEPA requested that a revised work schedule be provided. The revised schedule was included as Figure 2 of the 3rd Quarter 2011 Progress Report.

SECTIONSIX Modifications

Demolition activities resumed after July 4, 2011 and were completed on December 16, 2011. No adjustments to the schedule were made.

Figure



Completed Demolition Areas
Estate of Chemetco
Hartford, Illinois

By: pah	Date:05/06/10	Project No: 15210
AMEC Geomatrix		Figure 1

APPENDIX A — Scrubber Sludge/Mixed with Fines Shipments

TABLE 1
Summary of Scrubber Sludge/mixed with fines Shipments
2nd Quarter 2012 Progress Report
Estate of Chemetco
Hartford, Illinois

	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	4/2/2012	50582	ECMU 178205-1	19,631	19.63
	2	4/2/2012	50583	CMAU 003516-7	19,910	19.91
	3	4/2/2012	50584	ECMU 174179-3	19,732	19.73
	4	4/2/2012	50585	XINU 120271-1	19,628	19.63
	5	4/2/2012	50586	CMAU 111756-8	19,467	19.47
	6	4/3/2012	50587	TGHU 116741-1	19,746	19.75
	7	4/3/2012	50588	GESU 305810-3	19,755	19.76
	8	4/3/2012	50589	ECMU 188605-6	19,892	19.89
	9	4/3/2012	50590	ECMU 172186-3	19,396	19.40
	10	4/4/2012	50591	CMAU 119756-3	19,044	19.04
	11	4/4/2012	50592	CMAU 132587-5	19,867	19.87
	12	4/4/2012	50593	ECMU 151843-4	19,834	19.83
	13	4/4/2012	50594	ECMU 135258-0	19,508	19.51
	14	4/4/2012	50595	BSIU 215134-3	19,764	19.76
	15	4/4/2012	50596	ECMU 117939-3	19,529	19.53
	16	4/5/2012	50597	SCZU 799182-9	19,529	19.53
	17	4/5/2012	50598	CRXU 192287-4	19,827	19.83
	18	4/5/2012	50599	CLHU 324115-3	19,892	19.89
	19	4/5/2012	50600	ECMU 215449-2	19,405	19.41
	20	4/5/2012	50601	ECMU 186539-3	19,843	19.84
	21	4/5/2012	50602	TRLU 895247-9	19,708	19.71
	22	4/6/2012	50603	DVRU 139289-2	19,683	19.68
	23	4/13/2012	50604	ECMU 127265-4	19,898	19.90
C	24	4/13/2012	50605	TCKU 266529-0	19,825	19.83
M	25	4/13/2012	50606	ECMU 144077-9	19,833	19.83
A	26	4/13/2012	50607	CLHU 242121-1	19,806	19.81
C	27	4/16/2012	50608	UNIU 205322-2	19,858	19.86
	28	4/16/2012	50609	BHCU 301869-0	19,901	19.90
	29	4/16/2012	50610	CMAU 160424-7	19,862	19.86
	30	4/16/2012	50611	TRLU 929557-4	19,898	19.90
	31	4/17/2012	50612	GESU 319535-9	19,789	19.79
	32	4/17/2012	50613	TTNU 347134-2	19,500	19.50
	33	4/17/2012	50614	SCZU 773067-7	19,763	19.76
	34	4/17/2012	50615	ECMU 220238-0	19,520	19.52
	35	4/18/2012	50616	DVRU 161901-3	19,920	19.92
	36	4/18/2012	50617	CLHU 299248-4	19.724	19.72
	37	4/18/2012	50618	IPXU 301819-5	19,568	19.57
	38	4/18/2012	50619	TEMU 252710-4	19,609	19.61
	39	4/18/2012	50620	BMOU 218527-1	19,544	19.54
	40	4/19/2012	50621	TGHU 128430-0	19,607	19.61
	41	4/19/2012	50622	FCIU 460023-5	19.720	19.72
	42	4/19/2012	50623	CMAU 190439-4	19,868	19.87
	43	4/19/2012	50624	TEMU 323793-8	19,857	19.86
	44	4/19/2012	50625	ECMU 168613-0	19,568	19.57
	45	4/20/2012	50626	ECMU 212700-7	19,687	19.69
	46	4/20/2012	50627	CMAU 159227-5	19,783	19.78
	47	4/20/2012	50628	FCIU 280870-2	19,624	19.62
	48	4/20/2012	50629	INBU 386561-9	19,711	19.71
	49	4/23/2012	50630	CMAU 152116-3	19.098	19.10
	50	4/23/2012	50631	ECMU 213917-9	19,584	19.58
	51	4/23/2012	50632	ECMU 178759-9	19,805	19.81
	52	4/23/2012	50633	TEMU 283806-6	19.612	19.61
	53	4/23/2012	50634	SGCU 198380-1	19,535	19.54

TABLE 1
Summary of Scrubber Sludge/mixed with fines Shipments
2nd Quarter 2012 Progress Report
Estate of Chemetco
Hartford, Illinois

	54	4/23/2012	50635	GESU 303770-7	19,894	19.89
	55	4/24/2012	50636	GESU 268946-5	19,518	19.52
	56	4/24/2012	50637	CMAU 011390-6	19,534	19.53
	57	4/24/2012	50638	CMAU 186751-5	19,711	19.71
	58	4/24/2012	50639	IPXU 331768-4	19,812	19.81
	59	4/25/2012	50640	CMAU 178520-6	19,440	19.44
	60	4/25/2012	50641	TEMU 262464-0	19,585	19.59
	61	4/25/2012	50642	CMAU 218516-6	19,559	19.56
	62	4/25/2012	50643	FCIU 214484-0	19,524	19.52
	63	4/25/2012	50644	DVRU 151505-0	19,434	19.43
	64	4/25/2012	50645	ECMU 122465-6	19,638	19.64
	65	4/25/2012	50646	ECMU 196681-9	19,532	19.53
C	66	4/26/2012	50647	CRXU 185564-7	19,217	19.22
M	67	4/26/2012	50648	CMAU 195812-7	19,710	19.71
A	68	4/26/2012	50649	DVRU 151126-6	19,525	19.53
C	69	4/26/2012	50650	TEMU 259206-0	19,654	19.65
	70	4/26/2012	50651	ECMU 219174-7	19,551	19.55
	71	4/27/2012	50652	CMAU 028872-0	19,689	19.69
	72	4/27/2012	50653	CMAU 163178-8	19,550	19.55
	73	4/27/2012	50654	TGHU 110505-0	19,797	19.80
	74	4/27/2012	50655	ECMU 149709-6	19,773	19.77
	75	4/27/2012	50656	ECMU 184315-7	19,671	19.67
	76	4/27/2012	50657	TRLU 371858-1	19,763	19.76
	77	4/30/2012	50658	CAIU 232518-3	19,730	19.73
	78	4/30/2012	50659	DFSU 208876-1	19,670	19.67
	79	4/30/2012	50660	CMAU 106412-8	19,782	19.78
	80	4/30/2012	50661	CMAU 166413-8	19,749	19.75
	81	4/30/2012	50662	TGHU 134334-1	19,850	19.85
	Total Scrubber Sludge/mixed with Fines Shipped in April 2012 :				**1,593,329**	**1,593**

	Number of Shipments	**Date Container Loaded /Shipped**	**Bill of Lading Number**	**Container (CTU) #**	**Approximate Weight in kg**	**Approximate Weight in MT**
	1	5/1/2012	50663	DVRU 162118-1	19,570	19.57
	2	5/1/2012	50664	CMAU 159250-5	19,442	19.442
	3	5/2/2012	50665	TRHU 175232-0	19,639	19.639
	4	5/2/2012	50666	BMOU 217594-6	19,830	19.83
	5	5/2/2012	50667	GVCU 202738-0	19,871	19.871
	6	5/3/2012	50668	GESU 244499-2	19,449	19.449
C	7	5/3/2012	50669	ECMU 113312-9	19,884	19.884
M	8	5/3/2012	50670	TEMU 317758-8	19,717	19.717
A	9	5/3/2012	50671	FCIU 287779-2	19,815	19.815
C	10	5/3/2012	50672	TGHU 349774-7	19,829	19.829
	11	5/4/2012	50673	TEMU 319124-6	19,662	19.662
	12	5/4/2012	50674	ECMU 129154-6	19,585	19.585
	13	5/4/2012	50675	ECMU 178053-1	19,709	19.709
	14	5/4/2012	50676	CMAU 197013-8	19,482	19.482
	15	5/7/2012	50677	ECMU 129832-4	19,713	19.713
	16	5/7/2012	50678	GESU 112135-7	19,861	19.861
	Total Scrubber Sludge/mixed with Fines Shipped in May 2012 :				**315,058**	**315**

TABLE 1
Summary of Scrubber Sludge/mixed with fines Shipments
2nd Quarter 2012 Progress Report
Estate of Chemetco
Hartford, Illinois

	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	6/1/2012	50679	ECMU 174910-9	19,767	19.77
	2	6/1/2012	50680	GLDU 541851-9	19,726	19.73
	3	6/1/2012	50681	GVCU 204743-1	19,858	19.86
	4	6/1/2012	50682	CMAU 032042-0	19,756	19.76
	5	6/1/2012	50683	CMAU 187772-4	19,813	19.81
	6	6/1/2012	50684	XINU 108439-4	19,618	19.62
	7	6/4/2012	50685	ECMU 110109-7	19,804	19.80
	8	6/4/2012	50686	ECMU 130224-0	19,658	19.66
	9	6/4/2012	50687	CMAU 026486-2	19,742	19.74
	10	6/5/2012	50688	TGHU 130412-9	19,631	19.63
	11	6/5/2012	50689	TGHU 161468-0	19,680	19.68
	12	6/5/2012	50690	TGHU 130713-3	19,685	19.69
	13	6/5/2012	50691	GESU 111675-1	19,795	19.80
	14	6/6/2012	50692	ECMU 163639-6	19,819	19.82
	15	6/6/2012	50693	ECMU 217259-9	19,832	19.83
	16	6/6/2012	50694	GVCU 206916-9	19,708	19.71
	17	6/6/2012	50695	ECMU 200581-6	19,606	19.61
	18	6/6/2012	50696	GESU 296748-4	19,762	19.76
	19	6/6/2012	50697	IPXU 330612-3	19,615	19.62
	20	6/7/2012	50698	CMAU 170374-3	19,812	19.81
	21	6/7/2012	50699	CRXU 309784-4	19,760	19.76
	22	6/7/2012	50700	TEMU 256011-8	19,818	19.82
	23	6/7/2012	50701	DVRU 148590-6	19,830	19.83
	24	6/8/2012	50702	FCIU 333896-4	19,767	19.77
C	25	6/8/2012	50703	CNCU 150608-0	19,692	19.69
M	26	6/20/2012	50704	ECMU 149991-0	19,861	19.86
A	27	6/20/2012	50705	ECMU 172978-2	19,639	19.64
C	28	6/20/2012	50706	ECMU 152092-0	19,786	19.79
	29	6/21/2012	50707	CRXU 185808-1	19,887	19.89
	30	6/21/2012	50708	CMAU 112278-0	19,744	19.74
	31	6/21/2012	50709	TGHU 001918-0	19,795	19.80
	32	6/22/2012	50710	XINU 154891-5	19,801	19.80
	33	6/22/2012	50711	ECMU 118567-3	19,811	19.81
	34	6/22/2012	50712	GATU 052045-0	19,732	19.73
	35	6/22/2012	50713	CMAU 124182-0	19,872	19.87
	36	6/22/2012	50714	GLDU 534603-9	19,713	19.71
	37	6/25/2012	50715	ECMU 193786-8	19,841	19.84
	38	6/25/2012	50716	CAXU658307-0	19,819	19.82
	39	6/25/2012	50717	CRXU 313808-0	19,885	19.89
	40	6/25/2012	50718	ECMU 171244-0	19,690	19.69
	41	6/25/2012	50719	CLHU 342692-2	19,788	19.79
	42	6/25/2012	50720	TEMU 258334-5	19,884	19.88
	43	6/25/2012	50721	ECMU 150034-8	19,436	19.44
	44	6/26/2012	50722	IPXU 323700-1	19,901	19.90
	45	6/26/2012	50723	GESU 127572-7	19,709	19.71
	Total Scrubber Sludge/mixed with Fines Shipped in June 2012 :				**889,148**	**889**

TABLE 2
Historical Summary of Scrubber Sludge/mixed with fines Shipments
2nd Quarter 2012 Progress Report
Estate of Chemetco
Harford, Illinois

	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	10/26/2011	50480	MEDU 672108-0	19,893	19.89
	2	10/26/2011	50481	MSCU 105790-1	19,702	19.70
	3	10/27/2011	50482	GLDU 512907-5	20,518	20.52
C	4	10/27/2011	50483	MEDU 399990-4	20,091	20.09
M	5	10/28/2011	50484	GLDU 334013-4	19,826	19.83
A	6	10/28/2011	50485	TCKU 323567-4	19,875	19.88
C	7	10/28/2011	50486	TRLU 888921-0	20,391	20.39
	8	10/28/2011	50487	MEDU 612964-1	20,070	20.07
	9	10/31/2011	50488	MEDU 611760-9	20,111	20.11
	10	10/31/2011	50489	MEDU 611462-1	20,243	20.24
	11	10/31/2011	50490	GLDU 335567-0	20,163	20.16
	12	10/31/2011	50491	CARU 220915-3	20,109	20.11
	Total Scrubber Sludge/mixed with Fines Shipped in October 2011:				240,992	241
	1	11/1/2011	50491	MEDU 351891-1	20,182	20.18
	2	11/1/2011	50492	MEDU 233219-9	20,227	20.23
	3	11/1/2011	50493	MSCU 305186-2	20,026	20.03
	4	11/1/2011	50494	MEDU 658727-0	20,313	20.31
	5	11/1/2011	50495	MSCU 125440-7	20,134	20.13
	6	11/2/2011	50496	MEDU 249061-4	20,243	20.24
	7	11/2/2011	50497	GLDU 396860-3	20,139	20.14
	8	11/4/2011	50498	MSCU 635384-5	20,178	20.18
C	9	11/4/2011	50499	MEDU 660763-2	20,285	20.29
M	10	11/4/2011	50500	MSCU 307407-1	20,209	20.21
A	11	11/4/2011	50501	MEDU 648164-7	20,270	20.27
C	12	11/4/2011	50502	TGHU 340349-7	19,824	19.82
	13	11/7/2011	50503	FSCU 313097-0	19,656	19.66
	14	11/29/2011	50504	MSCU 341356-0	19,806	19.81
	15	11/29/2011	50505	MSCU 329369-7	19,807	19.81
	16	11/29/2011	50506	MEDU 101377-2	19,770	19.77
	17	11/29/2011	50507	MSCU 332190-5	19,807	19.81
	18	11/30/2011	50508	CAXU617240-1	19,813	19.81
	19	11/30/2011	50509	MEDU 645666-5	19,809	19.81
	20	11/30/2011	50510	TPHU 820127-0	19,810	19.81
	21	11/30/2011	50511	MEDU 244619-1	19,802	19.80
	Total Scrubber Sludge/mixed with Fines Shipped in November 2011 :				420,110	420

	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	12/1/2011	50512	MSCU 132227-1	19,809	19.81
	2	12/1/2011	50513	TCLU 213251-3	10,801	10.80
	3	12/2/2011	50514	GLDU 507841-9	19,854	19.85
	4	12/2/2011	50515	MSCU 240922-6	19,807	19.81
	5	12/2/2011	50516	CAIU 273165-0	19,811	19.81
	6	12/2/2011	50517	MEDU 640866-7	10,791	10.79
	7	12/2/2011	50518	DFSU 244050-6	19,771	19.77
	8	12/5/2011	50519	MEDU 175344-4	19,809	19.81
	9	12/5/2011	50520	GLDU 394641-4	19,811	19.81
	10	12/5/2011	50521	MEDU 243995-2	19,792	19.79
C	11	12/5/2011	50522	CAIU 280639-0	19,811	19.81
M	12	12/5/2011	50523	CAIU 280626-0	19,808	19.81
A	13	12/5/2011	50524	MEDU 277071-8	19,810	19.81
C	14	12/6/2011	50525	MEDU 645660-2	19,808	19.81
	15	12/6/2011	50526	MSCU 208888-8	19,803	19.80
	16	12/6/2011	50527	MEDU 643511-1	19,806	19.81
	17	12/6/2011	50528	MSCU 166839-3	19,800	19.80
	18	12/7/2011	50529	CAIU 280625-5	19,807	19.81
	19	12/7/2011	50530	MSCU 189551-9	19,810	19.81
	20	12/7/2011	50531	MEDU 116877-4	19,806	19.81
	21	12/8/2011	50532	MEDU 212783-0	19,810	19.81
	22	12/7/2011	50533	CLHU 275722-7	19,811	19.81
	23	12/7/2011	50534	MSCU 154260-9	19,811	19.81
	24	12/7/2011	50535	GLDU 519112-7	19,813	19.81
	25	12/8/2011	50536	MSCU 203421-7	19,811	19.81

TABLE 2
Historical Summary of Scrubber Sludge/mixed with fines Shipments
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	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	26	12/8/2011	50537	MEDU 161288-9	19,819	19.82
	27	12/9/2011	50538	MEDU 639471-1	19,808	19.81
	28	12/9/2011	50541	MEDU 621498-0	19,810	19.81
	29	12/9/2011	50539	MEDU 308320-7	19,815	19.82
	30	12/9/2011	50540	MSCU 145135-0	19,808	19.81
	31	12/9/2011	50542	FSCU 341936-6	19,807	19.81
	32	12/9/2011	50543	MSCU 243989-5	19,811	19.81
	33	12/9/2011	50544	CARU 213675-6	19,810	19.81
C	34	12/12/2011	50545	TRLU 884486-0	19,805	19.81
M	35	12/12/2011	50546	MEDU 378884-0	19,810	19.81
A	36	12/12/2011	50547	MEDU 326660-9	19,811	19.81
C	37	12/12/2011	50548	FSCU 353295-8	19,810	19.81
	38	12/13/2011	50549	GATU 032033-8	19,813	19.81
	39	12/13/2011	50550	CRXU 232324-8	19,812	19.81
	40	12/13/2011	50551	IPXU 385950-9	19,811	19.81
	41	12/13/2011	50552	GLDU 508538-3	19,813	19.81
	42	12/14/2011	50553	CRXU 206754-7	19,813	19.81
	Total Scrubber Sludge/mixed with Fines Shipped in December 2011:				813,967	814

	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	11/7/2011	49875	GSTU517759-2	19,774	19.77
	2	11/8/2011	49876	ECMU151997-6	19,802	19.80
	3	11/8/2011	49877	ECMU196142-1	19,808	19.81
	4	11/8/2011	49878	TEMU258915-3	19,799	19.80
	5	11/8/2011	49879	CMAU111289-0	19,802	19.80
	6	11/8/2011	49880	BMOU 217455-4	19,633	19.63
	7	11/9/2011	49881	TGHU138526-5	19,551	19.55
H	8	11/10/2011	49882	CMAU018299-6	19,768	19.77
&	9	11/10/2011	49884	CMAU116683-4	19,799	19.80
H	10	11/10/2011	49883	CMAU164386-0	19,758	19.76
	11	11/10/2011	49885	IPXU391374-4	19,759	19.76
M	12	11/10/2011	49886	ECMU202611-0	19,761	19.76
E	13	11/10/2011	49887	CMAU193548-2	19,800	19.80
T	14	11/15/2011	49888	ECMU112505-7	19,810	19.81
A	15	11/15/2011	49889	CMAU213270-0	19,805	19.81
L	16	11/15/2011	49890	CLHU 376319-0	19,787	19.79
S	17	11/15/2011	49891	CMAU032271-6	19,811	19.81
	18	11/15/2011	49892	CMAU193308-9	19,523	19.52
	19	11/16/2011	49893	CAIU229180-1	19,808	19.81
	20	11/16/2011	49894	CMAU150920-8	19,810	19.81
	21	11/16/2011	49895	ECMU180716-5	19,805	19.81
	22	11/16/2011	49896	ECMU129679-0	19,802	19.80
	23	11/17/2011	49897	BMOU203425-4	19,804	19.80
	24	11/17/2011	49898	ECMU187657-2	19,804	19.80
	25	11/17/2011	49899	CLHU 307267-0	19,811	19.81
	26	11/17/2011	49900	TRLU967524-0	19,794	19.79
	27	11/18/2011	49901	CNCU283678-5	19,800	19.80
	28	11/18/2011	49902	TGHU 002801-0	19,791	19.79
	29	11/21/2011	49903	ECMU148767-3	19,768	19.77
	30	11/22/2011	49904	TRLU 905603-4	19,806	19.81
	31	11/22/2011	49905	ECMU 167878-4	19,808	19.81
	32	11/23/2011	49906	TRLU 303080-8	19,744	19.74
	33	11/23/2011	49907	ECMU 204171-0	19,806	19.81
	34	11/23/2011	49908	FCIU 366452-8	19,764	19.76
	35	11/23/2011	49909	CMAU 178634-7	19,802	19.80
	36	11/23/2011	49910	SGCU 156536-0	19,778	19.78
	Total Scrubber Sludge/mixed with Fines Shipped in November 2011:				711,855	712

TABLE 2
Historical Summary of Scrubber Sludge/mixed with fines Shipments
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	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	12/14/2011	49911	CMAU 155727-4	19,813	19.81
	2	12/14/2011	49912	CMAU 178720-9	19,812	19.81
	3	12/14/2011	49913	CRXU 157205-6	19,806	19.81
	4	12/15/2011	49914	TGHU 360260-5	19,821	19.82
	5	12/15/2011	49915	DFSU 204786-5	19,812	19.81
	6	12/15/2011	49916	GATU 077268-3	19,813	19.81
	7	12/15/2011	49917	IPXU 336114-1	19,811	19.81
	8	12/15/2011	49918	ICSU 497319-1	19,813	19.81
	9	12/16/2011	49919	CMAU 185789-0	19,811	19.81
H	10	12/16/2011	49920	ECMU 183983-5	19,812	19.81
&	11	12/16/2011	49921	CMAU 211572-3	19,807	19.81
H	12	12/16/2011	49922	ECMU 1214056-5	19,808	19.81
	13	12/19/2011	49923	DVRU 139231-5	19,812	19.81
M	14	12/19/2011	49924	ECMU 178195-0	19,810	19.81
E	15	12/19/2011	49925	BMOU 203145-0	19,811	19.81
T	16	12/19/2011	49926	ECMU 181351-1	19,812	19.81
A	17	12/19/2011	49927	IPXU 335221-6	19,811	19.81
L	18	12/20/2011	49928	ECMU 114001-0	19,809	19.81
S	19	12/21/2011	49929	CLHU 283227-5	19,808	19.81
	20	12/21/2011	49930	CMAU 142135-4	19,809	19.81
	21	12/21/2011	49931	GSTU 475248-6	19,812	19.81
	22	12/21/2011	49932	CMAU 211874-3	19,805	19.81
	23	12/21/2011	49933	ECMU 172718-3	19,807	19.81
	24	12/21/2011	49934	TGHU 131564-8	19,813	19.81
	25	12/22/2011	49935	CMAU 176975-6	19,810	19.81
	26	12/22/2011	49936	ECMU 187672-0	19,811	19.81
	27	12/22/2011	49937	CMAU 028488-0	19,809	19.81
	28	12/22/2011	49938	XINU120806-8	19,809	19.81
	29	12/27/2011	49939	TRLU 899567-6	19,811	19.81
	30	12/27/2011	49940	TGHU 131408-7	19,811	19.81
	31	12/27/2011	49941	DVRU 160133-3	19,810	19.81
	32	12/27/2011	49942	GVCU 226631-6	19,811	19.81
	33	12/28/2011	49943	ECMU 129910-4	19,806	19.81
	Total Scrubber Sludge/mixed with Fines Shipped in December 2011:				653,746	654

	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	1/4/2012	49944	HLXU 305466-1	19,810	19.81
	2	1/4/2012	49945	HLXU 228242-0	19,812	19.81
	3	1/4/2012	49946	FSCU 307094-7	19,808	19.81
H	4	1/5/2012	49947	GLDU 200378-2	19,811	19.81
&	5	1/5/2012	49948	GATU 032909-0	19,812	19.81
H	6	1/5/2012	49949	CPSU 163479-0	19,813	19.81
	7	1/6/2012	49950	HLXU 337688-4	19,712	19.71
M	8	1/6/2012	49951	FLBU 311473-5	19,812	19.81
E	9	1/9/2012	49952	FSCU 303207-9	19,811	19.81
T	10	1/9/2012	49953	GLDU 351256-8	19,800	19.80
A	11	1/9/2012	49954	HLXU 333807-7	19,812	19.81
L	12	1/9/2012	49955	CRXU 321107-3	19,812	19.81
S	13	1/9/2012	49956	GATU 135022-9	19,812	19.81
	14	1/10/2012	49957	CPSU 130669-9	19,808	19.81
	15	1/10/2012	49958	CPSU 130970-1	19,809	19.81
	16	1/10/2012	49959	FCIU 304080-9	19,813	19.81
	17	1/11/2012	49960	CPSU 179178-4	19,812	19.81
	18	1/11/2012	49961	TCKU 196162-0	19,812	19.81
	Total Scrubber Sludge/mixed with Fines Shipped in January 2012:				356,491	356

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	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	3/14/2012	50554	TGHU 391020-7	19,609	19.61
	2	3/15/2012	50555	ECMU 122947-3	19,841	19.84
	3	3/15/2012	50556	TRHU 150513-0	19,808	19.81
	4	3/15/2012	50557	CMAU 181553-2	19,811	19.81
	5	3/16/2012	50558	FCIU 213716-3	19,811	19.81
	6	3/16/2012	50559	CMAU 100424-2	19,809	19.81
	7	3/16/2012	50560	ECMU 221434-9	19,810	19.81
	8	3/19/2012	50561	TRLU 961540-4	19,810	19.81
	9	3/19/2012	50562	CMAU 114984-2	19,812	19.81
	10	3/19/2012	50563	TCKU 243306-3	19,809	19.81
C	11	3/19/2012	50564	TGHU 303201-6	19,781	19.78
M	12	3/19/2012	50565	TTNU 311789-5	19,206	19.21
A	13	3/20/2012	50566	CMAU 140553-8	19,758	19.76
C	14	3/20/2012	50567	GESU 118992-7	19,692	19.69
	15	3/20/2012	50568	GESU 237207-0	19,627	19.63
	16	3/20/2012	50569	ECMU 204731-8	19,083	19.08
	17	3/21/2012	50570	CMAU 192849-9	19,591	19.59
	18	3/21/2012	50571	ECMU 109715-0	19,877	19.88
	19	3/21/2012	50572	CMAU 136675-0	19,735	19.74
	20	3/21/2012	50573	INBU 381184-4	19,595	19.60
	21	3/22/2012	50574	CLHU 257992-7	19,607	19.61
	22	3/22/2012	50575	CMAU 125836-0	19,427	19.43
	23	3/22/2012	50576	ECMU 147242-0	19,809	19.81
	24	3/22/2012	50577	TEMU 289616-5	19,901	19.90
	25	3/23/2012	50578	TEMU 317584-1	19,467	19.47
	26	3/30/2012	50579	XINU 145933-5	19,821	19.82
	27	3/30/2012	50580	CMAU 021185-7	19,623	19.62
	28	3/30/2012	50581	CMAU 175557-8	19,614	19.61
	Total Scrubber Sludge/mixed with Fines Shipped in March, 2012 :				551,144	551
	Number of Shipments	**Date Container Loaded /Shipped**	**Bill of Lading Number**	**Container (CTU) #**	**Approximate Weight in kg**	**Approximate Weight in MT**
	1	4/2/2012	50582	ECMU 178205-1	19,631	19.63
	2	4/2/2012	50583	CMAU 003516-7	19,910	19.91
	3	4/2/2012	50584	ECMU 174179-3	19,732	19.73
	4	4/2/2012	50585	XINU 120271-1	19,628	19.63
	5	4/2/2012	50586	CMAU 111756-8	19,467	19.47
	6	4/3/2012	50587	TGHU 116741-1	19,746	19.75
	7	4/3/2012	50588	GESU 305810-3	19,755	19.76
	8	4/3/2012	50589	ECMU 188605-6	19,892	19.89
	9	4/3/2012	50590	ECMU 172186-3	19,396	19.40
	10	4/4/2012	50591	CMAU 119756-3	19,044	19.04
C	11	4/4/2012	50592	CMAU 132587-5	19,867	19.87
M	12	4/4/2012	50593	ECMU 151843-4	19,834	19.83
A	13	4/4/2012	50594	ECMU 135258-0	19,508	19.51
C	14	4/4/2012	50595	BSIU 215134-3	19,764	19.76
	15	4/4/2012	50596	ECMU 117939-3	19,529	19.53
	16	4/5/2012	50597	SCZU 799182-9	19,529	19.53
	17	4/5/2012	50598	CRXU 192287-4	19,827	19.83
	18	4/5/2012	50599	CLHU 324115-3	19,892	19.89
	19	4/5/2012	50600	ECMU 215449-2	19,405	19.41
	20	4/5/2012	50601	ECMU 186539-3	19,843	19.84
	21	4/5/2012	50602	TRLU 895247-9	19,708	19.71
	22	4/6/2012	50603	DVRU 139289-2	19,683	19.68
	23	4/13/2012	50604	ECMU 127265-4	19,898	19.90
	24	4/13/2012	50605	TCKU 266529-0	19,825	19.83
	25	4/13/2012	50606	ECMU 144077-9	19,833	19.83
	26	4/13/2012	50607	CLHU 242121-1	19,806	19.81

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	27	4/16/2012	50608	UNTU 205322-2	19,858	19.86
	28	4/16/2012	50609	BHCU 301869-0	19,901	19.90
	29	4/16/2012	50610	CMAU 160424-7	19,862	19.86
	30	4/16/2012	50611	TRLU 929557-4	19,898	19.90
	31	4/17/2012	50612	GESU 319535-9	19,789	19.79
	32	4/17/2012	50613	TTNU 347134-2	19,500	19.50
	33	4/17/2012	50614	SCZU 773067-7	19,763	19.76
	34	4/17/2012	50615	ECMU 220238-0	19,520	19.52
	35	4/18/2012	50616	DVRU 161901-3	19,920	19.92
	36	4/18/2012	50617	CLHU 299248-4	19,724	19.72
	37	4/18/2012	50618	IPXU 301819-5	19,568	19.57
	38	4/18/2012	50619	TEMU 252710-4	19,609	19.61
	39	4/18/2012	50620	BMOU 218527-1	19,544	19.54
	40	4/19/2012	50621	TGHU 128430-0	19,607	19.61
	41	4/19/2012	50622	FCIU 460023-5	19,720	19.72
	42	4/19/2012	50623	CMAU 190439-4	19,868	19.87
	43	4/19/2012	50624	TEMU 323793-8	19,857	19.86
	44	4/19/2012	50625	ECMU 168613-0	19,568	19.57
	45	4/20/2012	50626	ECMU 212700-7	19,687	19.69
C	46	4/20/2012	50627	CMAU 159227-5	19,783	19.78
M	47	4/20/2012	50628	FCIU 280870-2	19,624	19.62
A	48	4/20/2012	50629	INBU 386561-9	19,711	19.71
C	49	4/23/2012	50630	CMAU 152116-3	19,098	19.10
	50	4/23/2012	50631	ECMU 213917-9	19,584	19.58
	51	4/23/2012	50632	ECMU 178759-9	19,805	19.81
	52	4/23/2012	50633	TEMU 283806-6	19,612	19.61
	53	4/23/2012	50634	SGCU 198380-1	19,535	19.54
	54	4/23/2012	50635	GESU 303770-7	19,894	19.89
	55	4/24/2012	50636	GESU 268946-5	19,518	19.52
	56	4/24/2012	50637	CMAU 011390-6	19,534	19.53
	57	4/24/2012	50638	CMAU 186751-5	19,711	19.71
	58	4/24/2012	50639	IPXU 331768-4	19,812	19.81
	59	4/25/2012	50640	CMAU 178520-6	19,440	19.44
	60	4/25/2012	50641	TEMU 262464-0	19,585	19.59
	61	4/25/2012	50642	CMAU 218516-6	19,559	19.56
	62	4/25/2012	50643	FCIU 214484-0	19,524	19.52
	63	4/25/2012	50644	DVRU 151505-0	19,434	19.43
	64	4/25/2012	50645	ECMU 122465-6	19,638	19.64
	65	4/25/2012	50646	ECMU 196681-9	19,532	19.53
	66	4/26/2012	50647	CRXU 185564-7	19,217	19.22
	67	4/26/2012	50648	CMAU 195812-7	19,710	19.71
	68	4/26/2012	50649	DVRU 151126-6	19,525	19.53
	69	4/26/2012	50650	TEMU 259206-0	19,654	19.65
	70	4/26/2012	50651	ECMU 219174-7	19,551	19.55
	71	4/27/2012	50652	CMAU 028872-0	19,689	19.69
	72	4/27/2012	50653	CMAU 163178-8	19,550	19.55
	73	4/27/2012	50654	TGHU 110505-0	19,797	19.80
	74	4/27/2012	50655	ECMU 149709-6	19,773	19.77
	75	4/27/2012	50656	ECMU 184315-7	19,671	19.67
	76	4/27/2012	50657	TRLU 371858-1	19,763	19.76
	77	4/30/2012	50658	CAIU 232518-3	19,730	19.73
	78	4/30/2012	50659	DFSU 208876-1	19,670	19.67
	79	4/30/2012	50660	CMAU 106412-8	19,782	19.78
	80	4/30/2012	50661	CMAU 166413-8	19,749	19.75
	81	4/30/2012	50662	TGHU 134334-1	19,850	19.85
	Total Scrubber Sludge/mixed with Fines Shipped in April 2012 :				**1,593,329**	**1,593**

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	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	5/1/2012	50663	DVRU 162118-1	19,570	19.57
	2	5/1/2012	50664	CMAU 159250-5	19,442	19.442
	3	5/2/2012	50665	TRHU 175232-0	19,639	19.639
	4	5/2/2012	50666	BMOU 217594-6	19,830	19.83
	5	5/2/2012	50667	GVCU 202738-0	19,871	19.871
	6	5/3/2012	50668	GESU 244499-2	19,449	19.449
C	7	5/3/2012	50669	ECMU 113312-9	19,884	19.884
M	8	5/3/2012	50670	TEMU 317758-8	19,717	19.717
A	9	5/3/2012	50671	FCIU 287779-2	19,815	19.815
C	10	5/3/2012	50672	TGHU 349774-7	19,829	19.829
	11	5/4/2012	50673	TEMU 319124-6	19,662	19.662
	12	5/4/2012	50674	ECMU 129154-6	19,585	19.585
	13	5/4/2012	50675	ECMU 178053-1	19,709	19.709
	14	5/4/2012	50676	CMAU 197013-8	19,482	19.482
	15	5/7/2012	50677	ECMU 129832-4	19,713	19.713
	16	5/7/2012	50678	GESU 112135-7	19,861	19.861
	Total Scrubber Sludge/mixed with Fines Shipped in May 2012 :				**315,058**	**315**

	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	6/1/2012	50679	ECMU 174910-9	19,767	19.77
	2	6/1/2012	50680	GLDU 541851-9	19,726	19.73
	3	6/1/2012	50681	GVCU 204743-1	19,858	19.86
	4	6/1/2012	50682	CMAU 032042-0	19,756	19.76
	5	6/1/2012	50683	CMAU 187772-4	19,813	19.81
	6	6/1/2012	50684	XINU 108439-4	19,618	19.62
	7	6/4/2012	50685	ECMU 110109-7	19,804	19.80
	8	6/4/2012	50686	ECMU 130224-0	19,658	19.66
	9	6/4/2012	50687	CMAU 026486-2	19,742	19.74
	10	6/5/2012	50688	TGHU 130412-9	19,631	19.63
	11	6/5/2012	50689	TGHU 161468-0	19,680	19.68
	12	6/5/2012	50690	TGHU 130713-3	19,685	19.69
	13	6/5/2012	50691	GESU 111675-1	19,795	19.80
	14	6/6/2012	50692	ECMU 163639-6	19,819	19.82
	15	6/6/2012	50693	ECMU 217259-9	19,832	19.83
C	16	6/6/2012	50694	GVCU 206916-9	19,708	19.71
M	17	6/6/2012	50695	ECMU 200581-6	19,606	19.61
A	18	6/6/2012	50696	GESU 296748-4	19,762	19.76
C	19	6/6/2012	50697	IPXU 330612-3	19,615	19.62
	20	6/7/2012	50698	CMAU 170374-3	19,812	19.81
	21	6/7/2012	50699	CRXU 309784-4	19,760	19.76
	22	6/7/2012	50700	TEMU 256011-8	19,818	19.82
	23	6/7/2012	50701	DVRU 148590-6	19,830	19.83
	24	6/8/2012	50702	FCIU 333896-4	19,767	19.77
	25	6/8/2012	50703	CNCU 150608-0	19,692	19.69
	26	6/20/2012	50704	ECMU 149991-0	19,861	19.86

TABLE 2
Historical Summary of Scrubber Sludge/mixed with fines Shipments
2nd Quarter 2012 Progress Report
Estate of Chemetco
Harford, Illinois

	27	6/20/2012	50705	ECMU 172978-2	19,639	19.64
	28	6/20/2012	50706	ECMU 152092-0	19,786	19.79
	29	6/21/2012	50707	CRXU 185808-1	19,887	19.89
	30	6/21/2012	50708	CMAU 112278-0	19,744	19.74
	31	6/21/2012	50709	TGHU 001918-0	19,795	19.80
	32	6/22/2012	50710	XINU 154891-5	19,801	19.80
	33	6/22/2012	50711	ECMU 118567-3	19,811	19.81
	34	6/22/2012	50712	GATU 052045-0	19,732	19.73
	35	6/22/2012	50713	CMAU 124182-0	19,872	19.87
C	36	6/22/2012	50714	GLDU 534603-9	19,713	19.71
M	37	6/25/2012	50715	ECMU 193786-8	19,841	19.84
A	38	6/25/2012	50716	CAXU658307-0	19,819	19.82
C	39	6/25/2012	50717	CRXU 313808-0	19,885	19.89
	40	6/25/2012	50718	ECMU 171244-0	19,690	19.69
	41	6/25/2012	50719	CLHU 342692-2	19,788	19.79
	42	6/25/2012	50720	TEMU 258334-5	19,884	19.88
	43	6/25/2012	50721	ECMU 150034-8	19,436	19.44
	44	6/26/2012	50722	IPXU 323700-1	19,901	19.90
	45	6/26/2012	50723	GESU 127572-7	19,709	19.71
	Total Scrubber Sludge/mixed with Fines Shipped in June 2012 :				**889,148**	**889**

APPENDIX B — Scrap Metal Shipments

TABLE 3
Summary Of Scrap Metal Shipments
2nd Quarter 2012 Progress Report
Estate Of Chemetco
Hartford, Illinois

	Number of Shipments	Date of Shipment	Bill of Lading Number	Iron and Steel Sold to Grossman Steel (2)	Stainless Steel Sold to Hi-Light International (2)	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)
2nd Quarter 2012	321	April 19, 2012	49832	7.44			
	322	May 2, 2012	49833	10.99			
	323	May 15, 2012	49834	13.66			
	324	May 17, 2012	49835	8.91			
	325	May 29, 2012	49836	10.00			
	326	June 4, 2012	49837	16.47			
	327	June 19, 2012	49838	12.24			
			TOTAL TONS	**79.71**	**0.00**	**0.00**	**0.00**

Note:
(1) Short Ton = 2000 lb
(2) Gross Ton = 2240 lb

TABLE 4
Summary Of Historical Scrap Metal Shipments
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Estate Of Chemetco
Hartford, Illinois

	Number of Shipments	Date of Shipment	Bill of Lading Number	Tons of Iron and Steel Sold to Grossman Steel (1)	Tons of Lead Metal Sold to Doe Run (1)	Tons of Aluminum Metal Sold to Wallach Trading Company (1)	Tons of Stainless Steel Sold to Hi-Light International (2)	Misc. Copper Sold to Wallach Trading Company (2)	Motors Sold to Interco Trading Company (2)	Pot Slag Ladles sold to Harsco Metals (3)	Misc. Motors and Crane Parts Sold to Casey Equipment (3)	Misc. tank and clarifier sold to Tank Trailer Cleaning (3)	Didion Company (2)
3rd Quarter 2010	1	September 13, 2010	49502	16.05				---	---	NA	NA	NA	NA
	2	September 13, 2010	49503	17.04				---	---	NA	NA	NA	NA
	3	September 13, 2010	49504	9.28				---	---	NA	NA	NA	NA
	4	September 13, 2010	49505	16.43				---	---	NA	NA	NA	NA
	5	September 13, 2010	49506	7.17				---	---	NA	NA	NA	NA
	6	September 13, 2010	49507	17.01				---	---	NA	NA	NA	NA
	7	September 14, 2010	49508	12.05				---	---	NA	NA	NA	NA
	8	September 14, 2010	49509	16.35				---	---	NA	NA	NA	NA
	9	September 14, 2010	49510	11.15				---	---	NA	NA	NA	NA
	10	September 14, 2010	49511	13.29				---	---	NA	NA	NA	NA
	11	September 14, 2010	49512	16.53				---	---	NA	NA	NA	NA
	12	September 14, 2010	49513	13.83				---	---	NA	NA	NA	NA
	13	September 14, 2010	49514	15.52				---	---	NA	NA	NA	NA
	14	September 14, 2010	49515	16.61				---	---	NA	NA	NA	NA
	15	September 15, 2010	49516	13.86				---	---	NA	NA	NA	NA
	16	September 15, 2010	49517	14.88				---	---	NA	NA	NA	NA
	17	September 20, 2010	49518	---	22.20			---	---	NA	NA	NA	NA
	18	September 20, 2010	49519	---	21.89			---	---	NA	NA	NA	NA
	19	September 22, 2010	49520	8.04				---	---	NA	NA	NA	NA
	20	September 22, 2010	49521	7.21				---	---	NA	NA	NA	NA
	21	September 22, 2010	49522	---	21.56			---	---	NA	NA	NA	NA
	22	September 22, 2010	49523	7.29				---	---	NA	NA	NA	NA
	23	September 22, 2010	49524	7.54				---	---	NA	NA	NA	NA
	24	September 22, 2010	49525	12.42				---	---	NA	NA	NA	NA
	25	September 23, 2010	49526	14.81				---	---	NA	NA	NA	NA
	26	September 27, 2010	49527	9.4				---	---	NA	NA	NA	NA
			TOTAL TONS	**293.8**	**65.7**								
4th Quarter 2010	27	October 5, 2010	49529	12.47				---	---	NA	NA	NA	NA
	28	October 7, 2010	49530	11.86				---	---	NA	NA	NA	NA
	29	October 11, 2010	49531	12.19				---	---	NA	NA	NA	NA
	30	October 13, 2010	49532	7.97				---	---	NA	NA	NA	NA
	31	October 14, 2010	49534	10.06				---	---	NA	NA	NA	NA
	32	October 14, 2010	49535	13.96				---	---	NA	NA	NA	NA
	33	October 15, 2010	49536	11.86				---	---	NA	NA	NA	NA
	34	October 18, 2010	49537	11.72				---	---	NA	NA	NA	NA
	35	October 19, 2010	49538	10.70				---	---	NA	NA	NA	NA
	36	October 19, 2010	49539	12.47				---	---	NA	NA	NA	NA
	37	November 2, 2010	49554	8.96				---	---	NA	NA	NA	NA
	38	November 2, 2010	49555	13.40				---	---	NA	NA	NA	NA
	39	November 3, 2010	49556	9.09				---	---	NA	NA	NA	NA
	40	November 8, 2010	49557	13.48				---	---	NA	NA	NA	NA
	41	November 8, 2010	49558	---	---	18.52		---	---	NA	NA	NA	NA
	42	November 8, 2010	49559	12.46				---	---	NA	NA	NA	NA
	43	November 10, 2010	49560	13.92				---	---	NA	NA	NA	NA
	44	November 10, 2010	49561	9.83				---	---	NA	NA	NA	NA
	45	November 11, 2010	49562	10.28				---	---	NA	NA	NA	NA
	46	November 15, 2010	49563	12.34				---	---	NA	NA	NA	NA
	47	November 15, 2010	49564	12.39				---	---	NA	NA	NA	NA
	48	November 17, 2010	49565	11.98				---	---	NA	NA	NA	NA
	49	November 17, 2010	49566	10.79				---	---	NA	NA	NA	NA
	50	December 1, 2010	49567	16.55				---	---	NA	NA	NA	NA
	51	December 2, 2010	49568	15.55				---	---	NA	NA	NA	NA
	52	December 9, 2010	49569	6.46				---	---	NA	NA	NA	NA
	53	December 10, 2010	49570	8.22				---	---	NA	NA	NA	NA
	54	December 14, 2010	FCIU 894056-8				21.82	---	---	NA	NA	NA	NA
			TOTAL TONS	**300.96**	0	**18.52**	**21.82**						

TABLE 4
Summary Of Historical Scrap Metal Shipments
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	Number of Shipments	Date of Shipment	Bill of Lading Number	Tons of Iron and Steel Sold to Grossman Steel (1)	Tons of Lead Metal Sold to Doe Run (1)	Tons of Aluminum Metal Sold to Wallach Trading Company (1)	Tons of Stainless Steel Sold to Hi-Light International (2)	Misc. Copper Sold to Wallach Trading Company (2)	Motors Sold to Interco Trading Company (2)	Pot Slag Ladles sold to Harsco Metals (3)	Misc. Motors and Crane Parts Sold to Casey Equipment (3)	Misc, tank and clarifier sold to Tank Trailer Cleaning (3)	Didion Company (2)
1st Quarter 2011	55	January 6, 2011	49571	15.29						NA	NA	NA	NA
	56	January 7, 2011	CAFU 802051-4				21.96			NA	NA	NA	NA
	57	January 10, 2011	CAIU 800920-1				21.72			NA	NA	NA	NA
	58	January 12, 2011	DFSU 620017-0				21.53			NA	NA	NA	NA
	59	January 13, 2011	49572	9.79						NA	NA	NA	NA
	60	January 17, 2011	CAIU 851224-2				21.12			NA	NA	NA	NA
	61	January 17, 2011	49573	9.09						NA	NA	NA	NA
	62	January 19, 2011	49574					14.56		NA	NA	NA	NA
	63	February 17, 2011	49575						8.74	NA	NA	NA	NA
			TOTAL TONS	**34.17**	**0.00**	**0.00**	**86.33**	**14.56**	**8.74**				
2nd Quarter 2011	64	April 11, 2011	NA									A	
	65	April 11, 2011	47175							23.44 (B)	---		
	66	April 11, 2011	47176							24.11 (B)	---		
	67	April 11, 2011	47177							20.09 (B)	---		
	68	May 4, 2011	49576							---	13.08 (C)		
	69	May 11, 2011	49577							---	17.88 (C)		
	70	June 15, 2011	NA									D	
			TOTAL TONS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**67.74**	**30.96**	**0.00**	**0.00**

	Number of Shipments	Date of Shipment	Bill of Lading Number	Iron and Steel Sold to Grossman Steel (2)	Alton Materials (2)	Tons of Aluminum Metal Sold to Wallach Trading Company (2)	Stainless Steel Sold to Hi-Light International (2)	Motors Sold to Interco Trading Company (2)	Misc. Copper Sold to Wallach Trading Company (2)	Pot Slag Ladles sold to Harsco Metals (3) B	Misc. Motors and Crane Parts Sold to Casey Equipment (3) C	Misc, tank and clarifier sold to Tank Trailer Cleaning (3)	Didion Company (2)
3rd Quarter 2011	71	August 1, 2011	49590	13.9									
	72	August 1, 2011	49591	10.04									
	73	August 5, 2011	49592	15.12									
	74	August 9, 2011	49593	11.64									
	75	August 12, 2011	HDMU 644809-9	---	---	---	19.20	---	---	---	---	---	---
	76	August 16, 2011	TCNU 740060-0	---	---	---	19.29	---	---	---	---	---	---
	77	August 19, 2011	49594	16.35									
	78	August 19, 2011	49595	13.48									
	79	August 25, 2011	HDMU 633298-2	---	---	---	19.36	---	---	---	---	---	---
	80	August 30, 2011	TNCU 860015-7	---	---	---	19.55	---	---	---	---	---	---
	81	August 30, 2011	49596	14.23									
	82	August 30, 2011	49597	6.61									
	83	September 9, 2011	49598	9.36									
	84	September 9, 2011	49599	7.08									
	85	September 9, 2011	49600	5.54									
	86	September 13, 2011	49601	5.63									
	87	September 13, 2011	49602	7.29									
	88	September 15, 2011	49603	13.92									
	89	September 15, 2011	49604	13.58									
	90	September 16, 2011	49606	11.88									
	91	September 16, 2011	49607	12.12									
	92	September 19, 2011	49608	12.77									
	93	September 19, 2011	49609	10.36									
	94	September 19, 2011	49610	13.75									
	95	September 19, 2011	49611	11.56									
	96	September 19, 2011	49612	11.54									
	97	September 20, 2011	49613	10.76									
	98	September 20, 2011	49614	11.73									
	99	September 20, 2011	49615	9.78									
	100	September 20, 2011	49616	12.84									
	101	September 21, 2011	HDMU 740565-1	—	---	---	19.63	---	---	---	---	---	---
	102	September 23, 2011	49617	13.12									
	103	September 23, 2011	49618	10.63									
	104	September 23, 2011	49619	7.33		-		-				-	

TABLE 4
Summary Of Historical Scrap Metal Shipments
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Estate Of Chemetco
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	Number of Shipments	Date of Shipment	Bill of Lading Number	Tons of Iron and Steel Sold to Grossman Steel (1)	Tons of Lead Metal Sold to Doe Run (1)	Tons of Aluminum Metal Sold to Wallach Trading Company (1)	Tons of Stainless Steel Sold to Hi-Light International (2)	Misc Copper Sold to Wallach Trading Company (2)	Motors Sold to Interco Trading Company (2)	Pot Slag Ladles sold to Harsco Metals (3)	Misc Motors and Crane Parts Sold to Casey Equipment (3)	Misc, tank and clarifier sold to Tank Trailer Cleaning (3)	Didion Company (2)
3rd Quarter 2011	105	September 27, 2011	49622	11.45									
	106	September 27, 2011	49623	15 84									
	107	September 27, 2011	49625	9.68									
	108	September 27, 2011	49626	15.16									
	109	September 27, 2011	49627	10 14									
	110	September 27, 2011	49628	9.04									
	111	September 27, 2011	49629	13.80									
	112	September 27, 2011	49630	10.28									
	113	September 27, 2011	49620	---	19.03	---	---	---	---	---	---	---	---
	114	September 27, 2011	49621	---	16.71	---	---	---	---	---	---	---	---
	115	September 27, 2011	49624	---	17 71	---	---	---	---	---	---	---	---
	116	September 28, 2011	49631	12.77									
	117	September 28, 2011	49632	12.63									
	118	September 28, 2011	49633	10 96									
	119	September 28, 2011	49634	8.07									
	120	September 28, 2011	49635	13.06									
	121	September 29, 2011	49636	11 16									
	122	September 30, 2011	49637	13.47									
	123	September 30, 2011	49638	15.78									
	124	September 30, 2011	49639	13 30									
	125	September 30, 2011	49640	11.74									
	126	September 30, 2011	49641	12.15									
			TOTAL TONS	**554.41**	**53.46**	**0.00**	**97.03**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Number of Shipments	Date of Shipment	Bill of Lading Number	Iron and Steel Sold to Grossman Steel (2)	Alton Materials (2)	Tons of Aluminum Metal Sold to Wallach Trading Company (2)	Stainless Steel Sold to Hi-Light International (2)	Motors& Copper Wire Sold to Interco Trading Company (2)	Misc. Copper Sold to Wallach Trading Company (2)	Pot Slag Ladles sold to Harsco Metals (3) B	Misc. Motors and Crane Parts Sold to Casey Equipment (3) C	Misc, tank and clarifier sold to Tank Trailer Cleaning (3)	Didion Company (2)
4th Quarter 2011	127	October 3, 2011	49642	9 69									
	128	October 3, 2011	49643	12.53									
	129	October 3, 2011	49644	13 46									
	130	October 3, 2011	49645	14 43									
	131	October 3, 2011	49646	15.09								---	
	132	October 3, 2011	HDMU 639381-7	----			19.43					---	
	133	October 4, 2011	49647	12.18									
	134	October 4, 2011	49648	8.56									
	135	October 4, 2011	49649	6 65								---	
	136	October 4, 2011	49650	5.2								---	
	137	October 4, 2011	49651	14.58									
	138	October 4, 2011	49652	13.72									
	139	October 4, 2011	49653	12 5									
	140	October 4, 2011	49654	7 94									
	141	October 5, 2011	49655	11 57									
	142	October 5, 2011	49656	14 05									
	143	October 5, 2011	49657	8 75									
	144	October 5, 2011	49658	8.9									
	145	October 5, 2011	49659	9.8									
	146	October 5, 2011	49660	15.11									
	147	October 5, 2011	49661	16 06									
	148	October 7, 2011	49662	13.55									
	149	October 7, 2011	49663	14 49									
	150	October 7, 2011	49664	16.71									
	151	October 7, 2011	49665	11.52									
	152	October 7, 2011	49666	8.6									
	153	October 10, 2011	49667	14.3									
	154	October 10, 2011	49668	9.96									
	155	October 10, 2011	49669	11.85		-				-	-		
	156	October 10, 2011	49670	13.73									
	157	October 10, 2011	49671	14.28								---	
	158	October 10, 2011	HDMU 656609-1	----			19.54						
	159	October 11, 2011	49672	15.95									
	160	October 11, 2011	49673	15.77									
	161	October 11, 2011	49674	13.37									

TABLE 4
Summary Of Historical Scrap Metal Shipments
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	Number of Shipments	Date of Shipment	Bill of Lading Number	Tons of Iron and Steel Sold to Grossman Steel (1)	Tons of Lead Metal Sold to Doe Run (1)	Tons of Aluminum Metal Sold to Wallach Trading Company (1)	Tons of Stainless Steel Sold to Hi-Light International (2)	Misc Copper Sold to Wallach Trading Company (2)	Motors Sold to Interco Trading Company (2)	Pot Slag Ladles sold to Harsco Metals (3)	Misc Motors and Crane Parts Sold to Casey Equipment (3)	Misc, tank and clarifier sold to Tank Trailer Cleaning (3)	Didion Company (2)
	162	October 11, 2011	49675	13.04									
	163	October 11, 2011	49676	14.32									
	164	October 11, 2011	49677	14.02									
	165	October 11, 2011	49678	16.81									
	166	October 11, 2011	49679	11.35									
	167	October 12, 2011	49680	17									
	168	October 12, 2011	49681	14.88									
	169	October 12, 2011	49682	9.25								---	
	170	October 12, 2011	49683	15.53								---	
	171	October 12, 2011	49684	6.48								---	
	172	October 12, 2011	49685	14.9									
	173	October 12, 2011	49686	10.07									
	174	October 12, 2011	49688	11.98									
	175	October 12, 2011	49689	8.11									
	176	October 13, 2011	49690	13.04									
	177	October 13, 2011	49691	6.36									
	178	October 13, 2011	49692	10.13									
	179	October 13, 2011	49693	13.4									
	180	October 13, 2011	49694	13.3									
	181	October 14, 2011	49695	9.13									
	182	October 14, 2011	49696	8.52									
	183	October 14, 2011	49697	11.11									
4th Quarter 2011	184	October 14, 2011	49698	8.21									
	185	October 14, 2011	49699	11.92									
	186	October 17, 2011	49700	10.7									
	187	October 17, 2011	49701	10.81									
	188	October 17, 2011	49702	10.2									
	189	October 17, 2011	49704	9.43									
	190	October 17, 2011	49705	10.93									
	191	October 18, 2011	49706	8.19									
	192	October 18, 2011	49707	9.39									
	193	October 18, 2011	49708	8.89									
	194	October 18, 2011	49709	11.82									
	195	October 18, 2011	49710	12.26									
	196	October 19, 2011	49711	9.05									
	197	October 19, 2011	49712	12.7									
	198	October 19, 2011	49713	10.04									
	199	October 19, 2011	49714	14.26									
	200	October 19, 2011	49715	15.36									
	201	October 19, 2011	49716	14.67									
	202	October 19, 2011	49717	11.07									
	203	October 20, 2011	49718	10.68									
	204	October 20, 2011	49719	15.68									
	205	October 20, 2011	49720	10.85									
	206	October 20, 2011	49721	12.55									
	207	October 20, 2011	49722	7.61									
	208	October 20, 2011	49723	16.19									
	209	October 20, 2011	49724	13.65									
	210	October 20, 2011	49725	12.48									
	211	October 24, 2011	49687	---									2.23
	212	October 25, 2011	49726	4.16									
	213	October 25, 2011	49727	10.38									
	214	October 25, 2011	49728	11.11									
	215	October 25, 2011	49729	8.3661									
	216	October 26, 2011	49730	16.21									
	217	October 26, 2011	49731	16.66									
	218	October 26, 2011	49732	10.02									
	219	October 26, 2011	49733	16.05									
	220	October 26, 2011	49734	10.42									
	221	October 26, 2011	49735	7.93									
	222	October 26, 2011	49736	14.63									
	223	October 26, 2011	49737	10.67									
	224	October 28, 2011	49738	---				7.61					
	225	October 31, 2011	49739	9.36									
	226	October 31, 2011	49740	12.04									
	227	October 31, 2011	49742	14.43									

TABLE 4
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	Number of Shipments	Date of Shipment	Bill of Lading Number	Tons of Iron and Steel Sold to Grossman Steel (1)	Tons of Lead Metal Sold to Doe Run (1)	Tons of Aluminum Metal Sold to Wallach Trading Company (1)	Tons of Stainless Steel Sold to Hi-Light International (2)	Misc Copper Sold to Wallach Trading Company (2)	Motors Sold to Interco Trading Company (2)	Pot Slag Ladles sold to Harsco Metals (3)	Misc. Motors and Crane Parts Sold to Casey Equipment (3)	Misc, tank and clarifier sold to Tank Trailer Cleaning (3)	Didion Company (2)
4th Quarter 2011	228	October 31, 2011	49743	9 61									
	229	October 31, 2011	49741	---									1.06
	230	November 1, 2011	49744	9.16									
	231	November 1, 2011	49745	15.09									
	232	November 1, 2011	49746	10.19									
	233	November 1, 2011	49747	13.01									
	234	November 1, 2011	49748	9.16									
	235	November 1, 2011	49749	13 65									
	236	November 1, 2011	49750	9 41									
	237	November 1, 2011	49751	15 23									
	238	November 1, 2011	49752	7.6									
	239	November 2, 2011	49753	17.19									
	240	November 2, 2011	49754	8 52									
	241	November 2, 2011	49755	16.17									
	242	November 2, 2011	49756	13.72									
	243	November 2, 2011	49758	11.92									
	244	November 2, 2011	49759	9.09									
	245	November 2, 2011	49760	10.66									
	246	November 2, 2011	49757	13.82									
	247	November 4, 2011	49761	12.2									
	248	November 4, 2011	49762	10 98									
	249	November 4, 2011	49763	10 59									
	250	November 4, 2011	49764	10.68									
	251	November 4, 2011	49765	8.56									
	252	November 4, 2011	49766	10 75									
	253	November 4, 2011	49767	8 75									
	254	November 4, 2011	49768	11									
	255	November 7, 2011	49769	8.02									
	256	November 7, 2011	49770	12.43									
	257	November 7, 2011	49771	11.19									
	258	November 7, 2011	49772	10.58									
	259	November 10, 2011	49773	12.37									
	260	November 10, 2011	49774	14.81									
	261	November 10, 2011	49775	7.4									
	262	November 10, 2011	49776	12.7									
	263	November 10, 2011	49777	10.08									
	264	November 11, 2011	49778	13.39									
	265	November 14, 2011	49779	12 09									
	266	November 14, 2011	49780	11.83									
	267	November 14, 2011	49781	10.97									
	268	November 14, 2011	49782	14 55									
	269	November 15, 2011	49783	10.46									
	270	November 15, 2011	49784	9.35									
	271	November 15, 2011	49785	12.26									
	272	November 15, 2011	49786	10.88									
	273	November 15, 2011	49787	9.53									
	274	November 16, 2011	49788	10.66									
	275	November 17, 2011	49789	9.53									
	276	November 17, 2011	49790	14.18									
	277	November 17, 2011	49791	9.67									
	278	November 21, 2011	TCNU 731820-0	---			19.55						
	279	November 29, 2011	49792	10.11									
	280	November 29, 2011	49793	8.93									
	281	November 29, 2011	49794	9 63									
	282	November 29, 2011	49795	4.64									
	283	December 5, 2011	49796	11.78									
	284	December 5, 2011	49797	9.81									
	285	December 5, 2011	49798	8 19									
	286	December 5, 2011	49799	8.94									
	287	December 5, 2011	49800	8.78									
	288	December 6, 2011	49801	9 42									
	289	December 6, 2011	49802	12.82									
	290	December 6, 2011	49803	9.13									
	291	December 6, 2011	49804	8.19									
	292	December 6, 2011	49805	10 24									

TABLE 4
Summary Of Historical Scrap Metal Shipments
2nd Quarter 20112 Progress Report
Estate Of Chemetco
Hartford, Illinois

	Number of Shipments	Date of Shipment	Bill of Lading Number	Tons of Iron and Steel Sold to Grossman Steel (1)	Tons of Lead Metal Sold to Doe Run (1)	Tons of Aluminum Metal Sold to Wallach Trading Company (1)	Tons of Stainless Steel Sold to Hi-Light International (2)	Misc. Copper Sold to Wallach Trading Company (2)	Motors Sold to Interco Trading Company (2)	Pot Slag Ladles sold to Harsco Metals (3)	Misc Motors and Crane Parts Sold to Casey Equipment (3)	Misc, tank and clarifier sold to Tank Trailer Cleaning (3)	Didion Company (2)
4th Quarter 2011	293	December 8, 2011	49807	6.86									
	294	December 8, 2011	49808	6.01									
	295	December 8, 2011	49809	9.34									
	296	December 8, 2011	49811	8.73									
	297	December 8, 2011	49810	7.95									
	298	December 9, 2011	49812	7.68									
	299	December 9, 2011	49813	7.13									
	300	December 9, 2011	49814	4.79									
	301	December 9, 2011	49815	9.32									
	302	December 9, 2011	49816	8.18									
	303	December 12, 2011	49817	9.8									
	304	December 12, 2011	49818	10.96									
	305	December 12, 2011	49819	12.28									
	306	December 12, 2011	49820	8.85									
	307	December 13, 2011	49821	7.28									
	308	December 13, 2011	49822	9.94									
	309	December 13, 2011	49823	9.78									
	310	December 13, 2011	49824	9.16									
	311	December 13, 2011	49825	9.36									
	312	December 13, 2011	49826	8.38									
	313	December 14, 2011	49827	9.83									
	314	December 14, 2011	49828	11.69									
	315	December 14, 2011	49829	13.07									
	316	December 14, 2011	49830	11.8									
	317	December 15, 2011	49831	8.85									
	318	December 15, 2011	TCNU 865707-0	----			19.54						
	319	December 15, 2011	HDMU 631996-0	----			19.54						
	320	December 23, 2011	49806	----				10.30					
			TOTAL TONS	**2,062.88**	**0.00**	**0.00**	**97.59**	**17.91**	**0.00**	**0.00**	**0.00**	**0.00**	**3.29**

	Number of Shipments	Date of Shipment	Bill of Lading Number	Iron and Steel Sold to Grossman Steel (2)	Stainless Steel Sold to Hi-Light Internation al (2)	Alton Materials (2)	Tons of Aluminum Metal Sold to Wallach Trading Company (2)	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)
1st Quarter 2012	**No Shipments were made during the 1st Quarter 2012**								
			TOTAL TONS			**0.00**	**0.00**	**0.00**	**0.00**

	Number of Shipments	Date of Shipment	Bill of Lading Number	Iron and Steel Sold to Grossman Steel (2)	Stainless Steel Sold to Hi-Light Internation al (2)	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)
2nd Quarter 2012	321	April 19, 2012	49832	7.44			
	322	May 2, 2012	49833	10.99			
	323	May 15, 2012	49834	13.66			
	324	May 17, 2012	49835	8.91			
	325	May 29, 2012	49836	10.00			
	326	June 4, 2012	49837	16.47			
	327	June 19, 2012	49838	12.24			
			TOTAL TONS	**79.71**	**0.00**	**0.00**	**0.00**

Note
(1) Short Ton = 2000 lb
(2) Gross Ton = 2240 lb
(3) = Material sold under the Scrap Metal Work Plan
A= Aboveground Steel-Sand Storage Tank
B=Pot Slag Ladles (total of 3 ladles)
C= Crane equipment parts, electric motors, electric cabinets, resistor breakes, Crane Block parts
D= Two steel clarifier tanks
(A, B, C, D) Steel Material sold as bulk and not as tonnage cost
NA = Not Applicable

APPENDIX C Hazardous and Non-hazardous Waste Disposals

TABLE 5
Summary of Hazardous Waste Disposal Shipments
2nd Qtr 2012 Progress Report
Estate Of Chemetco
Hartford, Illinois

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
2nd Quarter 2012	No Shipments were made during the 2nd Qtr 2012									

TABLE 6
Summary of Historical Hazarous Waste Disposal Shipments
2nd Quarter 20112 Progress Report
Estate of Chemetco
Hartford, Illinois

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
3rd Quarter 2010	No Shipments were made during the 3rd Qtr 2010									

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
4th Quarter 2010	1	Miscellaneous Construction/Demolition Debris	40 Yard Bin	4029	11/10/2010	Mid-West Services and Heritage Environmental	16,707	8.35	Heritage Environmental, Indianapolis, IN.	000362943WAS
	2	Miscellaneous Construction/Demolition Debris	40 Yard Bin	4097	11/17/2010	Mid-West Services and Heritage Environmental	38,727	19.36	Heritage Environmental, Indianapolis, IN.	000362944WAS
	3	Miscellaneous Construction/Demolition Debris	40 Yard Bin	40006	12/7/2010	Mid-West Services and Heritage Environmental	12,187	6.09	Heritage Environmental, Indianapolis, IN.	000362945WAS
	4	Miscellaneous Construction/Demolition Debris	40 Yard Bin	40130	12/7/2010	Mid-West Services and Heritage Environmental	20,067	10.03	Heritage Environmental, Indianapolis, IN.	000362946WAS
	5	Miscellaneous Construction/Demolition Debris	40 Yard Bin	4025	12/9/2010	Mid-West Services and Heritage Environmental	17,987	8.99	Heritage Environmental, Indianapolis, IN.	000362947WAS
	6	Miscellaneous Construction/Demolition Debris	40 Yard Bin	4090	12/9/2010	Mid-West Services and Heritage Environmental	13,487	6.74	Heritage Environmental, Indianapolis, IN.	000362948WAS
	7	Miscellaneous Construction/Demolition Debris	40 Yard Bin	4039	12/13/2010	Mid-West Services and Heritage Environmental	15,607	7.80	Heritage Environmental, Indianapolis, IN.	000362949WAS
	8	Miscellaneous Construction/Demolition Debris	40 Yard Bin	40104	12/13/2010	Mid-West Services and Heritage Environmental	10,107	5.05	Heritage Environmental, Indianapolis, IN.	000362950WAS
	9	Miscellaneous Construction/Demolition Debris	40 Yard Bin	40124	12/15/2010	Mid-West Services and Heritage Environmental	26,667	13.33	Heritage Environmental, Indianapolis, IN.	000362955WAS
	10	Miscellaneous Construction/Demolition Debris	40 Yard Bin	40120	12/15/2010	Mid-West Services and Heritage Environmental	23,227	11.61	Heritage Environmental, Indianapolis, IN.	000362958WAS
						TOTAL	194,770	97.39		

TABLE 6
Summary of Historical Hazarous Waste Disposal Shipments
2nd Quarter 20112 Progress Report
Estate of Chemetco
Hartford, Illinois

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
	1	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20381	1027/2010	Mid-West Services and Heritage Environmental	35,720	17.86	Heritage Environmental, Indianapolis, IN.	000362951WAS
4th	2	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20213	12/14/2010	Mid-West Services and Heritage Environmental	37,940	18.97	Heritage Environmental, Indianapolis, IN.	000362952WAS
Quarter	3	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20559	12/14/2010	Mid-West Services and Heritage Environmental	40,420	20.21	Heritage Environmental, Indianapolis, IN.	000362954WAS
2010	4	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20484	12/14/2010	Mid-West Services and Heritage Environmental	35,980	17.99	Heritage Environmental, Indianapolis, IN.	000362953WAS
	5	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20458	12/15/2010	Mid-West Services and Heritage Environmental	34,880	17.44	Heritage Environmental, Indianapolis, IN.	000362956WAS
	6	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20384	12/15/2010	Mid-West Services and Heritage Environmental	27,980	13.99	Heritage Environmental, Indianapolis, IN.	000362957WAS
						TOTAL	212,920	106.46		

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
	1	Decon Water, sludge from Cupro Decon activities	55 Gal Drum	NA	10/27/2010	Tri State Motor on EMA's behalf	220	0.110	EQ Michigan Disposal Waste Treatment Bellville, Mi	003957277FLE
4th	2	Misc debris, decon pad, from Cupro Shipments	55 Gal Drum	NA	10/27/2010	Tri State Motor on EMA's behalf	75	0.038	EQ Michigan Disposal Waste Treatment Bellville, Mi	003957276FLE
Quarter	3	Decon Water, sludge from Pot Slag Decon activities	55 Gal Drum	NA	12/15/2010	Tri State Motor on EMA's behalf	220	0.110	EQ Michigan Disposal Waste Treatment Bellville, Mi	003957332FLE
2010	4	Misc debris, decon pad, from Pot Slag Shipments	55 Gal Drum	NA	12/15/2010	Tri State Motor on EMA's behalf	80	0.040	EQ Michigan Disposal Waste Treatment Bellville, Mi	003957331FLE
						Total Liquid	440	0.220		
						Total Solids	155	0.078		

TABLE 6
Summary of Historical Hazarous Waste Disposal Shipments
2nd Quarter 20112 Progress Report
Estate of Chemetco
Hartford, Illinois

	Number of Shipments	Description	No. Containers	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
1Qtr 2011	1	Misc corrosive acids, flammable liquids, petroleum distillates	17	Multiple overpacks, plastic and metal drums	NA	1/14/2011	Heritage Environmental	2,605	1.3025	Heritage Environmental, Liverpool, OH	000350627WAS
	2	Misc corrosive acids, flammable liquids, petroleum distillates	15	Multiple overpacks, plastic and metal drums	NA	1/14/2011	Heritage Environmental	3,826	1.913	Heritage Environmental, Indianapolis, IN.	000350631WAS
	3	Blasting Sand used for deconning stainless steel	3	Super Sacks	NA	3/16/2011	Tri State Motor on EMA's behalf	4,500	2.250	EQ Michigan Disposal Waste Treatment Belleville, MI	0044214831FLE
							Total Tons	---	**5.4655**		
							Total Pounds	**10,931**	---		

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
2nd Quarter 2011	**No Shipments were made during the 2nd Qtr 2011**									

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
3rd Quarter 2011	1	Misc debris, decon pad, from Copper Furnace Sdlid Shipments	55 Gal Drum	NA	8/11/2011	Tri State Motor on EMA's behalf	380	0.190	EQ Michigan Disposal Waste Treatment Belleville, MI	004761793FLE
						Total	**380**	**0.190**		

TABLE 6
Summary of Historical Hazarous Waste Disposal Shipments
2nd Quarter 20112 Progress Report
Estate of Chemetco
Hartford, Illinois

	Number of Shipments	Description	Container Size	Bin Number	Date Picked Up	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
4th Quarter 2011	1	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	4097	10/25/11	Mid-West Services and Heritage Environmental	18,360	9.18	Heritage Environmental, Indianapolis, IN.	000440784WAS
	2	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	4088	11/9/11	Mid-West Services and Heritage Environmental	34,940	17.47	Heritage Environmental, Indianapolis, IN.	000440785WAS
	3	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	40170	11/10/11	Mid-West Services and Heritage Environmental	33,140	16.57	Heritage Environmental, Indianapolis, IN.	000440786WAS
	4	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	4029	11/11/11	Mid-West Services and Heritage Environmental	33,100	16.55	Heritage Environmental, Indianapolis, IN.	000440787WAS
	5	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	40130	11/14/11	Mid-West Services and Heritage Environmental	33,980	16.99	Heritage Environmental, Indianapolis, IN.	000440788WAS
	6	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	40101	11/15/11	Mid-West Services and Heritage Environmental	32,516	16.26	Heritage Environmental, Indianapolis, IN.	000440789WAS
	7	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	2066	11/16/11	Mid-West Services and Heritage Environmental	32,380	16.19	Heritage Environmental, Indianapolis, IN.	000440790WAS
	8	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	20300	11/17/11	Mid-West Services and Heritage Environmental	32,480	16.24	Heritage Environmental, Indianapolis, IN.	000440791WAS
	9	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	40124	11/17/11	Mid-West Services and Heritage Environmental	27,980	13.99	Heritage Environmental, Indianapolis, IN.	000440792WAS
	10	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	4042	11/17/11	Mid-West Services and Heritage Environmental	25,100	12.55	Heritage Environmental, Indianapolis, IN.	000440793WAS
	11	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	40109	12/12/11	Mid-West Services and Heritage Environmental	32,360	16.18	Heritage Environmental, Indianapolis, IN.	000440794WAS
	12	Miscellaneous Debris, supersacks, wood pallets, PPE	40 Yard Bin, RCRA	40172	11/11/11	Mid-West Services and Heritage Environmental	13,860	6.93	Heritage Environmental, Indianapolis, IN.	000372829WAS
						Total Tons	---	**175.10**		
						Total Pounds	**350,196**	---		

TABLE 6
Summary of Historical Hazarous Waste Disposal Shipments
2nd Quarter 20112 Progress Report
Estate of Chemetco
Hartford, Illinois

	Number of Shipments	Description	Container Size	Bin Number	Date Picked Up	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
1st Qtr 2012	1	Miscellaneous Demolition Debris, Metal, Wood	40 Yard Bin, RCRA	40006	1/13/2012	Mid-West Services and Heritage Environmental	26,760	13.38	Heritage Environmental, Indianapolis, IN.	000461802WAS
	2	Miscellaneous Demolition Debris, Bag filters, PPE, Sludge, Metal	40 Yard Bin, RCRA	4025	1/13/2012	Mid-West Services and Heritage Environmental	19,780	9.89	Heritage Environmental, Indianapolis, IN.	000461803WAS
	3	Miscellaneous Demolition Debris, Sludge, PPE, Cardboard, Wood, Metal	40 Yard Bin, RCRA	40118	1/27/2012	Mid-West Services and Heritage Environmental	27,580	13.79	Heritage Environmental, Indianapolis, IN.	000461806WAS
	4	Miscellaneous Demolition Debris, Sludge, PPE, Cardboard, Wood	40 Yard Bin, RCRA	4039	1/27/2012	Mid-West Services and Heritage Environmental	32,620	16.31	Heritage Environmental, Indianapolis, IN	000461804WAS
	5	Miscellaneous Demolition Debris, Sludge, PPE, Wood, Metal	40 Yard Bin, RCRA	40108	1/30/2012	Mid-West Services and Heritage Environmental	33,240	16.62	Heritage Environmental, Indianapolis, IN.	000461807WAS
	6	Miscellaneous Demolition Debris, Sludge, PPE, Cardboard, Wood, Metal	40 Yard Bin, RCRA	4074	1/30/2012	Mid-West Services and Heritage Environmental	37,500	18.75	Heritage Environmental, Indianapolis, IN.	000461808WAS
	7	Miscellaneous Demolition Debris, filter bags, cardboard	40 Yard Bin, RCRA	40137	1/30/2012	Mid-West Services and Heritage Environmental	26,460	13.23	Heritage Environmental, Indianapolis, IN.	000461809WAS
	8	Miscellaneous Demolition Debris, Concrete, Metal, Plastic	20 Yard Bin, RCRA	20463	1/30/2012	Mid-West Services and Heritage Environmental	34,440	17.22	Heritage Environmental, Indianapolis, IN	000461810WAS
	9	Miscellaneous Construction/Demolition Debris, PPE, filter bags,	40 Yard Bin, RCRA	40173	2/10/2012	Mid-West Services and Heritage Environmental	47,780	23.89	Heritage Environmental, Indianapolis, IN.	000461811WAS (1)
	9	Miscellaneous Demolition Debris, Sludge, PPE, Cardboard, Wood, Metal	40 Yard Bin, RCRA	40173	2/20/2012	Mid-West Services and Heritage Environmental	32,560	16.28	Heritage Environmental, Indianapolis, IN.	000461812WAS
	10	Miscellaneous Demolition Debris, Caustic, Sludge, Metal	20 Yard Bin, RCRA	20854	2/22/2012	Mid-West Services and Heritage Environmental	30,720	15.36	Heritage Environmental, Indianapolis, IN.	000461813WAS
	11	Miscellaneous Demolition Debris, Sludge, PPE, Cardboard, Wood, Metal	40 Yard Bin, RCRA	40124	2/22/2012	Mid-West Services and Heritage Environmental	29,800	14.90	Heritage Environmental, Indianapolis, IN.	000461814WAS
	12	Miscellaneous Demolition Debris, PPE,	40 Yard Bin, RCRA	4042	2/27/2012	Mid-West Services and Heritage Environmental	34,680	17.34	Heritage Environmental, Indianapolis, IN	000461821WAS
	13	Miscellaneous Demolition Debris, PPE, Sludge, Metal, Plastic	40 Yard Bin, RCRA	40130	2/27/2012	Mid-West Services and Heritage Environmental	34,680	17.34	Heritage Environmental, Indianapolis, IN.	000461815WAS
	14	Miscellaneous Demolition Debris, Bag filters, PPE, Sludge, Metal, Plastic	40 Yard Bin, RCRA	4088	2/28/2012	Mid-West Services and Heritage Environmental	32,260	16.13	Heritage Environmental, Indianapolis, IN.	000461820WAS
	15	Miscellaneous Demolition Debris, Bag filters, Sludge, Metal, PPE	40 Yard Bin, RCRA	40172	2/29/2012	Mid-West Services and Heritage Environmental	24,540	12.27	Heritage Environmental, Indianapolis, IN.	000461816WAS

TABLE 6
Summary of Historical Hazarous Waste Disposal Shipments
2nd Quarter 20112 Progress Report
Estate of Chemetco
Hartford, Illinois

1st Qtr 2012	16	Miscellaneous Demolition Debris, Bag filters, Sludge, Metal, PPE	40 Yard Bin, RCRA	40170	3/1/2012	Mid-West Services and Heritage Environmental	29,780	14.89	Heritage Environmental, Indianapolis, IN.	000461819WAS
	17	Miscellaneous Demolition Debris, Bag filters, PPE, Sludge, Metal, Plastic	40 Yard Bin, RCRA	40101	3/1/2012	Mid-West Services and Heritage Environmental	33,520	16.76	Heritage Environmental, Indianapolis, IN.	000461817WAS
	18	Miscellaneous Demolition Debris, Bag filters, Sludge, Metal, Plastic	40 Yard Bin, RCRA	4025	3/2/2012	Mid-West Services and Heritage Environmental	21,060	10.53	Heritage Environmental, Indianapolis, IN.	003552011FLE
	19	Miscellaneous Demolition Debris, Bag filters, Sludge, Metal, PPE	40 Yard Bin, RCRA	40171	3/1/2012	Mid-West Services and Heritage Environmental	30,140	15.07	Heritage Environmental, Indianapolis, IN.	000461818WAS
					TOTAL	**Tons** / **Pounds**	**619,900**	**309.95**		

Note: (1) Container was brought back due to excess weight.
The container was disposed after removal of excess weight under new Manifest

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
2nd Quarter 2012	**No Shipments were made during the 2nd Qtr 2012**									

TABLE 7

Summary of Non-Hazardous Solids. Liquids, and Special Waste Disposal Shipments

2nd Qtr 2012 Progress Report

Estate of Chemetco

Hartford,Illinois

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
2nd Quarter 2012	No Shipments were made during the 2nd Qtr 2012									

TABLE 8
Summary of Non-Hazardous Solids, Liquids, and Special Waste Disposal Shipments
2nd Quarter 2012 Progress Report
Estate of Chemetco
Hartford, Illinois

	Number of Shipments	Date of Shipment	Description of Material	Container	Bill of Lading Number	Bin Number	Weight in Tons	Hauler	Disposal Site
	1	8/26/2010	Misc. Demolition Debris, Solid Waste	40 CY Bin	NA	NA	4.33	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	2	8/30/2010	Misc. Demolition Debris, Solid Waste	40 CY Bin	NA	NA	5.62	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	3	8/31/2010	Misc. Demolition Debris, Solid Waste	40 CY Bin	NA	NA	5.4	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	4	9/1/2010	Misc. Demolition Debris, Solid Waste	40 CY Bin	NA	NA	7.55	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	5	9/10/2010	Misc. Demolition Debris, Solid Waste	40 CY Bin	NA	NA	5.86	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
					Total Tons		**28.76**		

	Number of Shipments	Date of Shipment	Description of Material	Container	Bill of Lading Number	Weight in Lbs	Weight in Tons	Hauler	Disposal Site
	1	9/16/2010	Concrete Debris	Trailer	95454	22,180	11.09	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	2	9/16/2010	Concrete Debris	Trailer	95462	36,960	18.48	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	3	9/16/2010	Concrete Debris	Trailer	95485	36,940	18.47	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
3rd	4	9/16/2010	Concrete Debris	Trailer	95501	35,780	17.89	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
Quarter	5	9/16/2010	Concrete Debris	Trailer	95517	29,329	14.66	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
2010	6	9/16/2010	Concrete Debris	Trailer	95539	50,320	25.16	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	7	9/16/2010	Concrete Debris	Trailer	95545	45,160	22.58	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	8	9/16/2010	Concrete Debris	Trailer	95591	44,200	22.1	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	9	9/16/2010	Concrete Debris	Trailer	95603	39,700	19.85	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	10	9/16/2010	Concrete Debris	Trailer	95623	42,660	21.33	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	11	9/16/2010	Concrete Debris	Trailer	95650	47,700	23.85	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	12	9/17/2010	Concrete Debris	20 CY Bin	95726	23,760	11.88	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois

TABLE 8
Summary of Non-Hazardous Solids, Liquids, and Special Waste Disposal Shipments
2nd Quarter 2012 Progress Report
Estate of Chemetco
Hartford, Illinois

3rd Quarter 2010	13	9/17/2010	Concrete Debris	Trailer	95734	49,000	24.5	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	14	9/17/2010	Concrete Debris	Trailer	95757	42,060	21.03	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	15	9/17/2010	Concrete Debris	Trailer	95795	47,200	23.6	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	16	9/17/2010	Concrete Debris	Trailer	95824	38,200	19.1	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	17	9/17/2010	Concrete Debris	Trailer	95873	38,660	19.33	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	18	9/17/2010	Concrete Debris	Trailer	95929	44,700	22.35	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	19	9/17/2010	Concrete Debris	20 CY Bin	95916	14,960	7.48	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	20	9/17/2010	Concrete Debris	20 CY Bin	95874	24,300	12.15	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
	21	9/17/2010	Concrete Debris	20 CY Bin	96078	15,240	7.62	Midwest Sanitary Services	Roxana Landfill - Roxana, Illinois
					Total Pounds	**769,009**	**---**		
					Total Tons	**---**	**384.50**		

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
4th Quarter 2010	**No Shipments were made during the 4th Quarter 2010**									

TABLE 8
Summary of Non-Hazardous Solids, Liquids, and Special Waste Disposal Shipments
2nd Quarter 2012 Progress Report
Estate of Chemetco
Hartford, Illinois

	Number of Shipments	Description	Container Size	Bin #	Bill of Lading Number	picked up date	Volume or Weight	Lbs or Gal	tons	Waste Hauler	Disposal Facility	Manifest #
1st Quarter 2011	1	Misc. Demolition Debris, Solid Waste	40 CY Bin	NA	NA	1/13/2011	NA		NA	Midwest Sanitary Services	Roxana Landfill, IL	NA
	2	Unused Oil	Vacuum Truck	NA	NA	1/14/2011	2,315	gal	NA	RS Used Oil Services	RS Used Oil Services, IL	008153818JJK
	3	Oily Water	Vacuum Truck	NA	NA	1/17/2011	1,105	gal	NA	RS Used Oil Services	RS Used Oil Services, IL	006611023JJK
	4	Crushed Drums	40 CY Bin	40108	47173	1/17/2011	4,060	lb	2.03	Midwest Sanitary Services	Roxana Landfill, IL	NA
	5	Grease and crushed drums	20 CY Bin	20841	NA	1/24/2011	10,380	lb	5.19	Midwest Sanitary Services	Milam Landfill, IL	00350687WAS
					Total Pounds		**14,440**					
					Total Tons	---			**7.22**			

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
2nd Quarter 2011	**No Shipments were made during the 2nd Quarter 2011**									

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
3rd Quarter 2011	**No Shipments were made during the 3rd Quarter 2011**									

TABLE 8
Summary of Non-Hazardous Solids, Liquids, and Special Waste Disposal Shipments
2nd Quarter 2012 Progress Report
Estate of Chemetco
Hartford, Illinois

	Number of Shipments	Description	Container Size	Bin #	Bill of Lading Number	picked up date	Lbs or Gal	tons	Waste Hauler	Disposal Facility	Manifest #
4th Quarter 2011	1	Non-Haz Trash Debris	40 CY	4013	NA	11/2/2011	12,500	6.25	MidWest	Roxana Landfill	NA
	2	Non-Haz Trash Debris	40 CY	4013	NA	11/18/2011	7,640	3.82	MidWest	Roxana Landfill	NA
	3	Non-Haz Trash Debris	40 CY	4013	NA	12/8/2011	10,560	5.28	MidWest	Roxana Landfill	NA
	4	Non-Haz Trash Debris	40 CY	4013	NA	12/8/2011	15,180	7.59	MidWest	Roxana Landfill	NA
	5	Non-Haz Trash Debris	40 CY	4013	NA	12/15/2011	1,740	0.87	MidWest	Roxana Landfill	NA
	6	Universal Waste	fiber drums	NA	NA	11/11/2011	242	0.121	Heritage	Waste Management, Kaiser, Mo	003552160FLE
						Total Pounds	**47,862**				
						Total Tons		**23.931**			

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	Gals	Disposal Facility	MSD Waste Receipt	Manifest #
1st Quarter 2012	1	Decon Wastewater	Vacuum Truck	NA	2/27/2012	Illini Environmental	5,000	Metropolitan Sewer District (MSD)	S-078388	009661182JJK
	2	Decon Wastewater	Vacuum Truck	NA	2/27/2012	Illini Environmental	5,000	Metropolitan Sewer District (MSD)	S-078389	009661181JJK
	3	Decon Wastewater	Vacuum Truck	NA	2/27/2012	Illini Environmental	5,000	Metropolitan Sewer District (MSD)	S-078390	009661187JJK
	2	Decon Wastewater	Vacuum Truck	NA	2/28/2012	Illini Environmental	5,000	Metropolitan Sewer District (MSD)	S-078387	009661183JJK
	4	Decon Wastewater	Vacuum Truck	NA	2/28/2012	Illini Environmental	2,500	Metropolitan Sewer District (MSD)	S-084054	009661184JJK
	5	Decon Wastewater	Vacuum Truck	NA	3/1/2012	Illini Environmental	3,150	Metropolitan Sewer District (MSD)	S-084055	007328964JJK
						~ Total Gallons	**20,650**			

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
2nd Quarter 2012	**No Shipments were made during the 2nd Qtr 2012**									

APPENDIX D — NPDES eDMR forms and Analytical Results

TABLE 9
Summary of NPDES Stormwater Data
2nd Quarter 2012 Progress Report
Estate of Chemetco
Hartford, Illinois

NPDES IL0025474, OUTFALL: #005 DATA TRACKING-30 Day Average
UPDATED 7-05-2012
(EXCEEDANCES OF STDS SHOWN IN SHADED CELLS AND BOLD FONT)

		NPDES #005 OUTFALL DISCHARGE SAMPLE ANALYSIS									
Parameter	Units	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	2012 YTD Average	35IAC304 Effluent Water Quality Stds (mg/l)	12 Month Running Avg	12 Mo Avg vs. Effluent Stds
BOD, 5-Day	mg/L	8.00	7.00	6.00	<5	<5	10.00	6.83	**30**	7.17	23.9%
Oxygen Demand, Chemical	mg/L	**74.00**	**58.00**	**85.00**	**64.00**	<50	**73.00**	67.33	**50**	62.58	125.2%
pH		**9.16**	**9.17**	**9.16**	8.70	8.99	8.88	9.01	**9.0**	8.96	99.6%
Solids, Total Suspended	mg/L	**35.00**	**31.00**	**9.00**	**18.00**	**19.00**	**25.00**	22.83	**15**	21.00	140.0%
Arsenic, Total	mg/L	*<0.0250*	<0.0250	<0.0250	0.0365	0.0414	0.0424	0.0326	**0.25**	0.0299	12.0%
Barium, Total	mg/L	0.0984	0.0932	0.0784	0.0791	0.0767	0.2260	0.1086	**2.00**	0.1087	5.4%
Cadmium, Total	mg/L	0.0225	0.0179	0.0070	0.0118	<0.0020	0.0027	0.0107	**0.15**	0.0138	9.2%
Chromium, Total	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0100	**1.00**	0.0100	nil
Copper, Total	mg/L	0.1600	0.1320	0.0575	0.2120	0.0342	0.0579	0.1089	**0.50**	0.1121	22.4%
Iron, Total	mg/L	0.5790	0.5990	0.1400	0.7150	0.0856	0.2890	0.4013	**2.00**	0.3574	17.9%
Lead, Total	mg/L	0.1660	0.1390	0.0630	**0.2100**	<0.0400	0.0656	0.1139	**0.20**	0.1272	63.6%
Manganese, Total	mg/L	0.1610	0.1910	0.0882	0.2080	0.0685	0.1440	0.1435	**1.00**	0.1444	14.4%
Nickel, Total	mg/L	0.0534	0.0597	0.0252	0.0577	0.0172	0.0299	0.0405	**1.00**	0.0341	3.4%
Selenium, Total	mg/L	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.0500	**None**	0.0500	nil
Silver, Total	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0100	**0.10**	0.0100	nil
Zinc, Total	mg/L	0.6640	0.4060	0.0982	0.3910	0.0480	0.1210	0.2880	**1.00**	0.3855	38.5%
Oil and Grease	mg/L	<6	<6	<6	<6	<6	<6	6.00	**15**	6.00	40.0%
Nitrogen, Ammonia, Total	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	**None**	0.11	nil
Avg Flow (MGD)	MGD	*0.002520*	*0.001598*	*0.001037*	*0.010944*	*0.000144*	*0.000000*	**0.002707**		0.001675	nil
Avg flow (GPM)	GPM	1.75	1.11	0.72	7.60	0.10	0.00	1.8800		1.480000	nil
									Note: pH 6-9		

Note:
MGD = million gallons per day
GPM = Gallons per minute
Highlighted colored cells reflect 2012 results

PERMITTEE NAME / ADDRESS

NAME

ESTATE OF CHEMETCO-HARTFORD

ADDRESS

3574 CHEMETCO LANE

HARTFORD IL 62048

FACILITY

CHEMETCO-HARTFORD, ESTATE OF

LOCATION

3574 CHEMETCO LANE

HARTFORD IL 62048

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT(DMR)

IL0025747	005 0	Minor
PERMIT NUMBER	**DISCHARGE NUMBER**	06

MONITORING PERIOD			
	MO - DAY - YEAR		MO - DAY - YEAR
FROM	04 - 01 - 2012	TO	04 - 30 - 2012

Discharge Description: STORMWATER LAGOON

Discharge Type: EXO

*** No Discharge ☐ ***

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				NO. EX	Frequency of Analysis	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNIT			
BOD, 5-day, 20 deg. C 00310 1 0	SAMPLE MEASUREMENT	******	******		******	< 5	< 5		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Oxygen demand, chem. (high level) (COD) 00340 1 0	SAMPLE MEASUREMENT	******	******		******	= 64	= 64		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
pH 00400 1 0	SAMPLE MEASUREMENT	******	******		= 8.70	******	= 8.70		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	>= 6 MO MIN	******	<= 9 MO MAX	(12) SU		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Solids, total suspended 00530 1 0	SAMPLE MEASUREMENT	******	******		******	= 18	= 18		1	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										

COMMENTS:												
Arsenic, total (as As) 01002 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0365	= 0.0365		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Barium, total (as Ba) 01007 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0791	= 0.0791		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Cadmium, total (as Cd) 01027 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0118	= 0.0118		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Chromium, total (as Cr) 01034 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0100	< 0.0100		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Copper, total (as Cu) 01042 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.2120	= 0.2120		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Iron, total (as Fe) 01045 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.7150	= 0.7150		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											

Lead, total (as Pb) 01051 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.2100	= 0.2100		1	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Manganese, total (as Mn) 01055 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.2080	= 0.2080		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Nickel, total (as Ni) 01067 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0577	= 0.0577		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Silver, total (as Ag) 01077 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0100	< 0.0100		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Zinc, total (as Zn) 01092 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.3910	= 0.3910		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Selenium, total (as Se) 01147 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0500	< 0.0500		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Oil and grease 03582 1 0	SAMPLE MEASUREMENT	******	******		******	< 6	< 6		0	01/30	GR

Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:										
COMMENTS:												
Nitrogen, ammonia, total (as NH3) 34726 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.10	< 0.10		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:										
COMMENTS:												
Flow, in conduit or thru treatment plant 50050 1 0	SAMPLE MEASUREMENT	= 0.010944	= 0.010944		******	******	******		0	99/99	
Effluent Gross	PERMIT REQUIREMENT	30DA AVG	DAILY MX	(03) Mgal/d	******	******	******	******		99/99 - Continuous	-
NO DATA CODE		DESCRIPTION:										
COMMENTS:												

CONSIDERATION FOR FORM COMPLETION

SAMPLE FREQUENCY SHALL BE ONCE AMONTH WHEN DISCHARGING.

FORM COMMENTS

PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under those statues may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Submitted By	Date
00012226 + CN=Jorge Y Garcia	08 - 10 - 2012

PERMITTEE NAME / ADDRESS

NAME
ESTATE OF CHEMETCO-HARTFORD

ADDRESS
3574 CHEMETCO LANE
HARTFORD IL 62048

FACILITY
CHEMETCO-HARTFORD, ESTATE OF

LOCATION
3574 CHEMETCO LANE
HARTFORD IL 62048

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT(DMR)

IL0025747	005 0	Minor
PERMIT NUMBER	**DISCHARGE NUMBER**	06

MONITORING PERIOD			
	MO - DAY - YEAR		MO - DAY - YEAR
FROM	05 - 01 - 2012	TO	05 - 31 - 2012

Discharge Description: STORMWATER LAGOON

Discharge Type: EXO

***** No Discharge** ☐ *******

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				NO. EX	Frequency of Analysis	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNIT			
BOD, 5-day, 20 deg. C 00310 1 0	SAMPLE MEASUREMENT	******	******		******	< 5	< 5		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Oxygen demand, chem. (high level) (COD) 00340 1 0	SAMPLE MEASUREMENT	******	******		******	< 50	< 50		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
pH 00400 1 0	SAMPLE MEASUREMENT	******	******		= 8.99	******	= 8.99		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	>= 6 MO MIN	******	<= 9 MO MAX	(12) SU		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Solids, total suspended 00530 1 0	SAMPLE MEASUREMENT	******	******		******	= 19	= 19		1	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										

COMMENTS:												
Arsenic, total (as As) 01002 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0414	= 0.0414		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Barium, total (as Ba) 01007 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0767	= 0.0767		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Cadmium, total (as Cd) 01027 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0020	< 0.0020		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Chromium, total (as Cr) 01034 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0100	< 0.0100		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Copper, total (as Cu) 01042 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0342	= 0.0342		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Iron, total (as Fe) 01045 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0856	= 0.0856		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											

Lead, total (as Pb) 01051 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0400	< 0.0400		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Manganese, total (as Mn) 01055 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0685	= 0.0685		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Nickel, total (as Ni) 01067 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0172	= 0.0172		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Silver, total (as Ag) 01077 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0100	< 0.0100		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Zinc, total (as Zn) 01092 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0480	= 0.0480		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Selenium, total (as Se) 01147 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0500	< 0.0500		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Oil and grease 03582 1 0	SAMPLE MEASUREMENT	******	******		******	< 6	< 6		0	01/30	GR

Effluent Gross		PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:										
COMMENTS:												
Nitrogen, ammonia, total (as NH3) 34726 1 0		SAMPLE MEASUREMENT	******	******		******	< 0.10	< 0.10		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:										
COMMENTS:												
Flow, in conduit or thru treatment plant 50050 1 0		SAMPLE MEASUREMENT	= 0.010944	= 0.010944		******	******	******		0	99/99	
Effluent Gross		PERMIT REQUIREMENT	30DA AVG	DAILY MX	(03) Mgal/d	******	******	******	******		99/99 - Continuous	-
NO DATA CODE		DESCRIPTION:										
COMMENTS:												

CONSIDERATION FOR FORM COMPLETION

SAMPLE FREQUENCY SHALL BE ONCE AMONTH WHEN DISCHARGING.

FORM COMMENTS

PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under those statues may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Submitted By	Date
00012226 + CN=Jorge Y Garcia	06 - 12 - 2012

PERMITTEE NAME / ADDRESS

NAME

ESTATE OF CHEMETCO-HARTFORD

ADDRESS

3574 CHEMETCO LANE

HARTFORD IL 62048

FACILITY

CHEMETCO-HARTFORD, ESTATE OF

LOCATION

3574 CHEMETCO LANE

HARTFORD IL 62048

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT(DMR)

IL0025747	005 0	Minor
PERMIT NUMBER	**DISCHARGE NUMBER**	06

MONITORING PERIOD			
	MO - DAY - YEAR		MO - DAY - YEAR
FROM	06 - 01 - 2012	TO	06 - 30 - 2012

Discharge Description: STORMWATER LAGOON

Discharge Type: EXO

*** No Discharge ☐ ***

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				NO. EX	Frequency of Analysis	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNIT			
BOD, 5-day, 20 deg. C 00310 1 0	SAMPLE MEASUREMENT	******	******		******	= 10	= 10		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Oxygen demand, chem. (high level) (COD) 00340 1 0	SAMPLE MEASUREMENT	******	******		******	= 73	= 73		1	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
pH 00400 1 0	SAMPLE MEASUREMENT	******	******		= 8.88	******	= 8.88		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	>= 6 MO MIN	******	<= 9 MO MAX	(12) SU		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Solids, total suspended 00530 1 0	SAMPLE MEASUREMENT	******	******		******	= 25	= 25		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									

COMMENTS:											
Arsenic, total (as As) 01002 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0424	= 0.0424		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Barium, total (as Ba) 01007 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.2260	= 0.2260		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Cadmium, total (as Cd) 01027 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0027	= 0.0027		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Chromium, total (as Cr) 01034 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0100	< 0.0100		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Copper, total (as Cu) 01042 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0579	= 0.0579		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Iron, total (as Fe) 01045 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.2890	= 0.2890		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:										
COMMENTS:											

Lead, total (as Pb) 01051 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0656	= 0.0656		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Manganese, total (as Mn) 01055 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.1440	= 0.1440		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Nickel, total (as Ni) 01067 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.0299	= 0.0299		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Silver, total (as Ag) 01077 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0100	< 0.0100		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Zinc, total (as Zn) 01092 1 0	SAMPLE MEASUREMENT	******	******		******	= 0.1210	= 0.1210		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Selenium, total (as Se) 01147 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.0500	< 0.0500		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:									
COMMENTS:											
Oil and grease 03582 1 0	SAMPLE MEASUREMENT	******	******		******	< 6	< 6		0	01/30	GR

Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:										
COMMENTS:												
Nitrogen, ammonia, total (as NH3) 34726 1 0	SAMPLE MEASUREMENT	******	******		******	< 0.10	< 0.10		0	01/30	GR
Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:										
COMMENTS:												
Flow, in conduit or thru treatment plant 50050 1 0	SAMPLE MEASUREMENT	= 0.000001	= 0.000001		******	******	******		0	99/99	
Effluent Gross	PERMIT REQUIREMENT	30DA AVG	DAILY MX	(03) Mgal/d	******	******	******	******		99/99 - Continuous	-
NO DATA CODE		DESCRIPTION:										
COMMENTS:												

CONSIDERATION FOR FORM COMPLETION

SAMPLE FREQUENCY SHALL BE ONCE AMONTH WHEN DISCHARGING.

FORM COMMENTS

PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under those statues may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Submitted By	Date
00012226 + CN=Jorge Y Garcia	07 - 10 - 2012

Teklab, Inc.
Environmental Laboratory

RECEIVED 5-9-12

http://www.teklabinc.com/

May 07, 2012

Jorge Garcia
Chemetco
3754 Chemetco Lane
Hartford, IL 62048
TEL: (618)254-4381
FAX: (618)254-0138

NELAP ACCREDITED LABORATORY

RE: NPDES #005 **WorkOrder:** 12041279

Dear Jorge Garcia:

TEKLAB, INC received 1 sample on 4/30/2012 12:27:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Marvin L. Darling II

Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com

Client: Chemetco
Work Order: 12041279
Client Project: NPDES #005
Report Date: 07-May-12

Abbr Definition

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.

DNI Did not ignite

DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request).

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MB Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request).

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TNTC Too numerous to count (> 200 CFU)

Qualifiers

- Unknown hydrocarbon
B - Analyte detected in associated Method Blank
E - Value above quantitation range
H - Holding times exceeded
M - Manual Integration used to determine area response
ND - Not Detected at the Reporting Limit
R - RPD outside accepted recovery limits
S - Spike Recovery outside recovery limits
X - Value exceeds Maximum Contaminant Level

Client: Chemetco
Client Project: NPDES #005

Work Order: 12041279
Report Date: 07-May-12

Cooler Receipt Temp: 2.4 °C

Locations and Accreditations

Collinsville		Springfield		Kansas City	
Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425	Address	3920 Pintail Dr Springfield, IL 62711-9415	Address	8421 Nieman Road Lenexa, KS 66214
Phone	(618) 344-1004	Phone	(217) 698-1004	Phone	(913) 541-1998
Fax	(618) 344-1005	Fax	(217) 698-1005	Fax	(913) 541-1998
Email	jhriley@teklabinc.com	Email	kmcclain@teklabinc.com	Email	dthompson@teklabinc.com

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2013	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2013	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2012	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2012	Springfield
Arkansas	ADEQ	88-0966		3/14/2013	Collinsville
Illinois	IDPH	17584		4/30/2013	Collinsville
Kentucky	UST	0073		5/26/2014	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2012	Collinsville

Client: Chemetco
Work Order: 12041279
Client Project: NPDES #005
Report Date: 07-May-12
Lab ID: 12041279-001
Client Sample ID: NPDES #005
Matrix: AQUEOUS
Collection Date: 04/30/2012 8:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	05/01/2012 9:16	R163083
EPA 600 350.1 R2.0 (TOTAL)								
Nitrogen, Ammonia (as N)	NELAP	0.10		< 0.10	mg/L	1	05/01/2012 16:11	R163096
EPA 600 410.4								
Chemical Oxygen Demand	NELAP	50		64	mg/L	1	05/02/2012 8:19	R163086
STANDARD METHOD 18TH ED. 4500-H B, LABORATORY ANALYZED								
Lab pH	NELAP	1.00		8.70		1	05/02/2012 10:34	R163104
STANDARD METHODS 18TH ED. 2540 D								
Total Suspended Solids	NELAP	6		18	mg/L	1	05/01/2012 10:05	R163049
STANDARD METHODS 18TH ED. 5210 B								
Biochemical Oxygen Demand	NELAP	5		< 5	mg/L	1	04/30/2012 17:45	77663
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		0.0365	mg/L	1	05/02/2012 1:02	77671
Barium	NELAP	0.0050		0.0791	mg/L	1	05/02/2012 1:02	77671
Cadmium	NELAP	0.0020		0.0118	mg/L	1	05/02/2012 1:02	77671
Chromium	NELAP	0.0100		< 0.0100	mg/L	1	05/02/2012 1:02	77671
Copper	NELAP	0.0100		0.212	mg/L	1	05/02/2012 1:02	77671
Iron	NELAP	0.0200		0.715	mg/L	1	05/02/2012 1:02	77671
Lead	NELAP	0.0400		0.210	mg/L	1	05/02/2012 1:02	77671
Manganese	NELAP	0.0050		0.208	mg/L	1	05/02/2012 1:02	77671
Nickel	NELAP	0.0100		0.0577	mg/L	1	05/02/2012 1:02	77671
Selenium	NELAP	0.0500		< 0.0500	mg/L	1	05/02/2012 1:02	77671
Silver	NELAP	0.0100		< 0.0100	mg/L	1	05/02/2012 1:02	77671
Zinc	NELAP	0.0100		0.391	mg/L	1	05/02/2012 1:02	77671

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Chemetco
Client Project: NPDES #005

Work Order: 12041279
Report Date: 07-May-12

Carrier: Dawn Brantley

Received By: SRH

Completed by: Heather L. Riley
On: 30-Apr-12

Reviewed by: Elizabeth A. Hurley
On: 30-Apr-12

Pages to follow: Chain of custody [1] Extra pages included [0]

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp ℃	2.4
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐
Chain of custody present?	Yes ☑	No ☐			
Chain of custody signed when relinquished and received?	Yes ☑	No ☐			
Chain of custody agrees with sample labels?	Yes ☑	No ☐			
Samples in proper container/bottle?	Yes ☑	No ☐			
Sample containers intact?	Yes ☑	No ☐			
Sufficient sample volume for indicated test?	Yes ☑	No ☐			
All samples received within holding time?	Yes ☑	No ☐			
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑		
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐			

When thermal preservation is required, samples are compliant with a temperature between 0.1℃ - 6.0℃, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials	☑
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers	☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐		

Any No responses must be detailed below or on the COC.

Print Form

Teklab Chain of Custody

Pg. 1 of 1 Workorder 1204127

5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618)344-1004 ~ Fax:(618)344-1005

Chemetco

3754 Chemetco Lane

Hartford | IL | 62048

Project: NPDES #005

Are the samples chilled? (X) Yes ( ) No with: (X) Ice ( ) ~~Blue ice~~ SmH 4/30/2012

Preserved in ( ) Lab (X) Field KP 4/30/12

Cooler Temp 2.4°C Sampler Jorge Garcia

Comments: eMail: jgarcia@chemetcoestate.com

Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Se, Ag, and Zn

Contact Jorge Garcia eMail see comments Phone (618) 254-4381 Requested Due Date NTAT Billing/PO

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	BOD	TSS	pH	Metals	Oil & Grease	Ammonia	COD					
1204127-01	NPDES #005	4-30-12 0815	Other	Aqueous	X	X	X	X	X	X	X					
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												

Teklab Inc. Courier Pick Up

Relinquished By *	Date/Time	Received By	Date/Time
Jorge Garcia	4-30-12 1000	[signature]	4/30/12 1000
[signature]	4/30/12 1227	Stephanie Hayes	4/30/12 12:27

* The individual signing this agreement on behalf of client acknowledges that they have read and understand the terms of this agreement and that they have the authority to sign on behalf of client.

June 06, 2012

RECEIVED 6-7-12

Jorge Garcia
Chemetco
3754 Chemetco Lane
Hartford, IL 62048
TEL: (618)254-4381
FAX: (618)254-0138

NELAP ACCREDITED LABORATORY

RE: NPDES #005 **WorkOrder:** 12051327

Dear Jorge Garcia:

TEKLAB, INC received 1 sample on 5/31/2012 11:31:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Marvin L. Darling II

Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com

Client: Chemetco
Work Order: 12051327
Client Project: NPDES #005
Report Date: 06-Jun-12

Abbr Definition

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

DF *Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation.* The reported result is final and includes all dilutions factors.

DNI Did not ignite

DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request).

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MB Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request).

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr *Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are* not normally found in environmental samples.

TNTC Too numerous to count (> 200 CFU)

Qualifiers

- Unknown hydrocarbon

B - Analyte detected in associated Method Blank

E - Value above quantitation range

H - Holding times exceeded

M - Manual Integration used to determine area response

ND - Not Detected at the Reporting Limit

R - RPD outside accepted recovery limits

S - Spike Recovery outside recovery limits

X - Value exceeds Maximum Contaminant Level

Client: Chemetco
Client Project: NPDES #005

Work Order: 12051327
Report Date: 06-Jun-12

Cooler Receipt Temp: 0.6 °C

Locations and Accreditations

Collinsville		Springfield		Kansas City	
Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425	Address	3920 Pintail Dr Springfield, IL 62711-9415	Address	8421 Nieman Road Lenexa, KS 66214
Phone	(618) 344-1004	Phone	(217) 698-1004	Phone	(913) 541-1998
Fax	(618) 344-1005	Fax	(217) 698-1005	Fax	(913) 541-1998
Email	jhriley@teklabinc.com	Email	kmcclain@teklabinc.com	Email	dthompson@teklabinc.com

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2013	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2013	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2012	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2012	Springfield
Arkansas	ADEQ	88-0966		3/14/2013	Collinsville
Illinois	IDPH	17584		4/30/2013	Collinsville
Kentucky	UST	0073		5/26/2014	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2012	Collinsville

Client: Chemetco
Work Order: 12051327
Client Project: NPDES #005
Report Date: 06-Jun-12
Lab ID: 12051327-001
Client Sample ID: NPDES #005
Matrix: AQUEOUS
Collection Date: 05/31/2012 8:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 1664A								
Hexane Extractable Material	NELAP	6		**< 6**	mg/L	1	06/01/2012 13:42	R164320
EPA 600 350.1 R2.0 (TOTAL)								
Nitrogen, Ammonia (as N)	NELAP	0.10		**< 0.10**	mg/L	1	06/01/2012 17:51	R164321
EPA 600 410.4								
Chemical Oxygen Demand	NELAP	50		**< 50**	mg/L	1	06/04/2012 12:19	R164345
STANDARD METHOD 18TH ED. 4500-H B, LABORATORY ANALYZED								
Lab pH	NELAP	1.00		**8.99**		1	05/31/2012 15:07	R164210
STANDARD METHODS 18TH ED. 2540 D								
Total Suspended Solids	NELAP	6		**19**	mg/L	1	06/01/2012 8:37	R164280
STANDARD METHODS 18TH ED. 5210 B								
Biochemical Oxygen Demand	NELAP	5		**< 5**	mg/L	1	05/31/2012 19:13	78574
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		**0.0414**	mg/L	1	06/01/2012 13:26	78576
Barium	NELAP	0.0050		**0.0767**	mg/L	1	06/01/2012 13:26	78576
Cadmium	NELAP	0.0020		**< 0.0020**	mg/L	1	06/01/2012 13:26	78576
Chromium	NELAP	0.0100		**< 0.0100**	mg/L	1	06/01/2012 13:26	78576
Copper	NELAP	0.0100		**0.0342**	mg/L	1	06/01/2012 13:26	78576
Iron	NELAP	0.0200		**0.0856**	mg/L	1	06/01/2012 13:26	78576
Lead	NELAP	0.0400		**< 0.0400**	mg/L	1	06/01/2012 13:26	78576
Manganese	NELAP	0.0050		**0.0685**	mg/L	1	06/01/2012 13:26	78576
Nickel	NELAP	0.0100		**0.0172**	mg/L	1	06/01/2012 13:26	78576
Selenium	NELAP	0.0500		**< 0.0500**	mg/L	1	06/01/2012 13:26	78576
Silver	NELAP	0.0100		**< 0.0100**	mg/L	1	06/01/2012 13:26	78576
Zinc	NELAP	0.0100		**0.0480**	mg/L	1	06/04/2012 18:03	78576

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Chemetco
Client Project: NPDES #005

Work Order: 12051327
Report Date: 06-Jun-12

Carrier: Dawn Brantly

Received By: JMH

Completed by: John M. Humphreys
On: 31-May-12

Reviewed by: Marvin L. Darling
On: 31-May-12

Pages to follow: Chain of custody [1] Extra pages included [0]

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐		Temp ℃	0.6
Type of thermal preservation?	None ☐	Ice ☐	Blue Ice ☑		Dry Ice	☐
Chain of custody present?	Yes ☑	No ☐				
Chain of custody signed when relinquished and received?	Yes ☑	No ☐				
Chain of custody agrees with sample labels?	Yes ☑	No ☐				
Samples in proper container/bottle?	Yes ☑	No ☐				
Sample containers intact?	Yes ☑	No ☐				
Sufficient sample volume for indicated test?	Yes ☑	No ☐				
All samples received within holding time?	Yes ☑	No ☐				
Reported field parameters measured:	Field ☐	Lab ☑	NA ☐			
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐				

When thermal preservation is required, samples are compliant with a temperature between 0.1℃ - 6.0℃, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials	☑
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers	☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐		

Any No responses must be detailed below or on the COC.

Print Form

Teklab Chain of Custody

Pg. 1 of 1 Workorder 12051327

5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618)344-1004 ~ Fax:(618)344-1005

Are the samples chilled? (✓) Yes ( ) No with: ( ) Ice (X) Blue ice

Preserved in ( ) Lab (✓) Field K.P. 5/31/12

Chemetco

3754 Chemetco Lane

Hartford | IL | 62048

Project: NPDES #005

Cooler Temp 0.6°C Sampler Jorge Garcia

Comments: eMail: jgarcia@chemetcoestate.com

Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Se, Ag, and Zn

Contact Jorge Garcia eMail see comments Phone (618) 254-4381 Requested Due Date NTAT Billing/PO

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	BOD	TSS	pH	Metals	Oil & Grease	Ammonia	COD					
12051327-001	NPDES #005	5-31-12 0920	Other	Aqueous	X	X	X	X	X	X	X					
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												

Teklab Inc Courier Pick Up

Relinquished By *	Date/Time	Received By	Date/Time
Jorge J Garcia	5-31-12 1045		5/31/12 1045
	5/31/12 1131		5/31/12 1131

* The individual signing this agreement on behalf of client acknowledges that they have read and understand the terms of this agreement and that they have the authority to sign on behalf of client.

Teklab, Inc.
Environmental Laboratory

RECEIVED 7-7-12

http://www.teklabinc.com/

July 03, 2012

Jorge Garcia
Chemetco
3754 Chemetco Lane
Hartford, IL 62048
TEL: (618)254-4381
FAX: (618)254-0138

NELAP ACCREDITED LABORATORY

RE: NPDES #005 **WorkOrder:** 12061162

Dear Jorge Garcia:

TEKLAB, INC received 1 sample on 6/27/2012 9:42:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Elizabeth A. Hurley

Elizabeth A. Hurley
Project Manager
(618)344-1004 ex 33
ehurley@teklabinc.com

Client: Chemetco
Work Order: 12061162
Client Project: NPDES #005
Report Date: 03-Jul-12

Abbr Definition

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.

DNI Did not ignite

DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request).

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MB Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request).

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TNTC Too numerous to count (> 200 CFU)

Qualifiers

- Unknown hydrocarbon
B - Analyte detected in associated Method Blank
E - Value above quantitation range
H - Holding times exceeded
M - Manual Integration used to determine area response
ND - Not Detected at the Reporting Limit
R - RPD outside accepted recovery limits
S - Spike Recovery outside recovery limits
X - Value exceeds Maximum Contaminant Level

Client: Chemetco
Client Project: NPDES #005

Work Order: 12061162
Report Date: 03-Jul-12

Cooler Receipt Temp: 4.8 °C

Locations and Accreditations

Collinsville		Springfield		Kansas City	
Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425	Address	3920 Pintail Dr Springfield, IL 62711-9415	Address	8421 Nieman Road Lenexa, KS 66214
Phone	(618) 344-1004	Phone	(217) 698-1004	Phone	(913) 541-1998
Fax	(618) 344-1005	Fax	(217) 698-1005	Fax	(913) 541-1998
Email	jhriley@teklabinc.com	Email	kmcclain@teklabinc.com	Email	dthompson@teklabinc.com

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2013	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2013	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2013	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2012	Springfield
Arkansas	ADEQ	88-0966		3/14/2013	Collinsville
Illinois	IDPH	17584		4/30/2013	Collinsville
Kentucky	UST	0073		5/26/2013	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2012	Collinsville

Client: Chemetco
Work Order: 12061162
Client Project: NPDES #005
Report Date: 03-Jul-12
Lab ID: 12061162-001
Client Sample ID: NPDES #005
Matrix: AQUEOUS
Collection Date: 06/27/2012 8:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	06/28/2012 11:31	R165319
EPA 600 350.1 (TOTAL)								
Nitrogen, Ammonia (as N)	NELAP	0.10		< 0.10	mg/L	1	06/28/2012 18:49	R165317
EPA 600 410.4								
Chemical Oxygen Demand	NELAP	50		73	mg/L	1	06/29/2012 15:20	R165357
STANDARD METHOD 4500-H B, LABORATORY ANALYZED								
Lab pH		1.00		8.88		1	06/27/2012 14:27	R165203
STANDARD METHODS 2540 D								
Total Suspended Solids		6		25	mg/L	1	06/28/2012 9:15	R165263
STANDARD METHODS 5210 B								
Biochemical Oxygen Demand		5		10	mg/L	1	06/27/2012 13:59	79288
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		0.0424	mg/L	1	06/28/2012 16:56	79312
Barium	NELAP	0.0050		0.226	mg/L	1	06/28/2012 16:56	79312
Cadmium	NELAP	0.0020		0.0027	mg/L	1	06/28/2012 16:56	79312
Chromium	NELAP	0.0100		< 0.0100	mg/L	1	06/28/2012 16:56	79312
Copper	NELAP	0.0100		0.0579	mg/L	1	06/28/2012 16:56	79312
Iron	NELAP	0.0200		0.289	mg/L	1	06/28/2012 16:56	79312
Lead	NELAP	0.0400		0.0656	mg/L	1	06/28/2012 16:56	79312
Manganese	NELAP	0.0050		0.144	mg/L	1	06/28/2012 16:56	79312
Nickel	NELAP	0.0100		0.0299	mg/L	1	06/28/2012 16:56	79312
Selenium	NELAP	0.0500		< 0.0500	mg/L	1	06/28/2012 16:56	79312
Silver	NELAP	0.0100		< 0.0100	mg/L	1	06/28/2012 16:56	79312
Zinc	NELAP	0.0100		0.121	mg/L	1	06/28/2012 16:56	79312

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Chemetco
Client Project: NPDES #005

Work Order: 12061162
Report Date: 03-Jul-12

Carrier: Dawn Brantley

Completed by: Timothy W. Mathis
On: 27-Jun-12

Received By: SRH

Reviewed by: Marvin L. Darling
On: 27-Jun-12

Pages to follow: Chain of custody [1] Extra pages included [0]

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	4.8	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐	
Chain of custody present?	Yes ☑	No ☐				
Chain of custody signed when relinquished and received?	Yes ☑	No ☐				
Chain of custody agrees with sample labels?	Yes ☑	No ☐				
Samples in proper container/bottle?	Yes ☑	No ☐				
Sample containers intact?	Yes ☑	No ☐				
Sufficient sample volume for indicated test?	Yes ☑	No ☐				
All samples received within holding time?	Yes ☑	No ☐				
Reported field parameters measured:	Field ☐	Lab ☑	NA ☐			
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐				
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.						
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials	☑		
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers	☑		
Water - pH acceptable upon receipt?	Yes ☑	No ☐				
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA	☑		

Any No responses must be detailed below or on the COC.

Print Form

Teklab Chain of Custody

Pg. 1 of 1 Workorder 12061162

5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618)344-1004 ~ Fax:(618)344-1005

Chemetco

3754 Chemetco Lane

Hartford | IL | 62048

Project: NPDES #005

Are the samples chilled? (X) Yes ( ) No with: (X) Ice ~~(X) Blue ice~~ JMH 6/27/12

Preserved in (X) Lab ( ) Field JMH 6/27/12

Cooler Temp 4.8 Sampler Jorge Garcia

Comments: eMail: jgarcia@chemetcoestate.com

Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Se, Ag, and Zn

Contact Jorge Garcia eMail see comments Phone (618) 254-4381 Requested Due Date NTAT Billing/PO

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	BOD	TSS	pH	Metals	Oil & Grease	Ammonia	COD					
12061162 COI	NPDES #005	6-27-12 0830	Other	Aqueous	X	X	X	X	X	X	X					
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												
			Unpres	Aqueous												

Teklab Inc. Courier Pick Up

Relinquished By *	Date/Time	Received By	Date/Time
Jorge Garcia	6-27-12 920		6/27/12 920
	6/27/12 942	Stephanie Hayes	6/27/12 9:42AM

* The individual signing this agreement on behalf of client acknowledges that they have read and understand the terms of this agreement and that they have the authority to sign on behalf of client.

APPENDIX E — Monthly Security Action Item Reports

Estate of Chemetco, Inc.

3754 Chemetco Lane • Hartford, IL 62048
Office: (618) 254-4381 x372 •Fax: (618) 254-0138
jgarcia@chemetcoestate.com

April 30, 2012

Michelle Kerr
Attn: SR-6J
Remedial Project Manager
US EPA Region 5 Superfund Division
77 W. Jackson Blvd. SRF 6J
Chicago, IL 60604

Re: Security Plan and Monthly Security Action Items Letter Report

Dear Mrs. Kerr:

On behalf of the Estate of Chemetco, Inc. (Estate), I am submitting the April Security Plan and Monthly Security Action Items letter report. The previous letter report was submitted on March 30, 2012.

Wegman Electric out of East Alton, Illinois completed the installation of the utility power poles and installation of cable wire to restore power to the site. As of April 16, 2012 Wegman's work was approximately 96-98% completed. AmerenUE needs to install a meter junction box at their transformer power station so that Wegman can tie into for power. AmerenUE informed the Estate that the meter junction box is on back order and expects to receive it by the 2nd week of May. Once the junction box is installed, it should take less than one day to complete the remaining work.

The next monthly report is due by May 31, 2012. If you have any questions and/or comments, please feel free to contact me at (618) 254-4381 x372, or my cell phone at (314) 348-8211.

Sincerely,
ESTATE OF CHEMETCO, INC.

Jorge Y. Garcia

Jorge Y. Garcia PG
Project Coordinator/EH&S Manager

CC: Donald M. Samson, Trustee
Elliott Stegin, IAD-Paradigm
Chris Cahnovsky, IEPA-Collinsville
Erin Rednour, IEPA-Springfield
James Morgan, IAGO
Penni S. Livingston, Livingston Law Firm

Estate of Chemetco, Inc.

3754 Chemetco Lane • Hartford, IL 62048
Office: (618) 254-4381 x372 •Fax: (618) 254-0138
jgarcia@chemetcoestate.com

May 31, 2012

Michelle Kerr
Attn: SR-6J
Remedial Project Manager
US EPA Region 5 Superfund Division
77 W. Jackson Blvd. SRF 6J
Chicago, IL 60604

Re: Security Plan and Monthly Security Action Items Letter Report

Dear Mrs. Kerr:

On behalf of the Estate of Chemetco, Inc. (Estate), I am submitting the May Security Plan and Monthly Security Action Items letter report. The previous letter report was submitted on April 30, 2012.

On May 16, 2012 AmerenUE installed the meter junction box at their transformer power station that ties into the new facility wires for power. Now that power has been restored, the Estate will begin assessing the conditions of the perimeter security cameras, and conditions of the perimeter lighting. The Estate estimates that it could take 3 to 5 weeks for the assessment. The Estate will provide an updated schedule to restore security plan measures as provided in the May 27, 2011 letter report. The next monthly report is due by June 30, 2012

If you have any questions and/or comments, please feel free to contact me at (618) 254-4381 x372, or my cell phone at (314) 348-8211.

Sincerely,
ESTATE OF CHEMETCO, INC.

Jorge Y. Garcia

Jorge Y. Garcia PG
Project Coordinator/EH&S Manager

CC: Donald M. Samson, Trustee
Elliott Stegin, IAD-Paradigm
Chris Cahnovsky, IEPA-Collinsville
Erin Rednour, IEPA-Springfield
James Morgan, IAGO
Penni S. Livingston, Livingston Law Firm

Estate of Chemetco, Inc.

3754 Chemetco Lane • Hartford, IL 62048
Office: (618) 254-4381 x372 •Fax: (618) 254-0138
jgarcia@chemetcoestate.com

June 27, 2012

Michelle Kerr
Attn: SR-6J
Remedial Project Manager
US EPA Region 5 Superfund Division
77 W. Jackson Blvd. SRF 6J
Chicago, IL 60604

Re: Security Plan and Monthly Security Action Items Letter Report and Revised Schedule to Restore Security Plan Measures at the Estate of Chemetco Facility

Dear Mrs. Kerr:

On behalf of the Estate of Chemetco, Inc. (Estate), I am submitting the June Security Plan and Monthly Security Action Items letter report and revised schedule to restore security plan measures at the Estate. The previous letter report was submitted on May 31, 2012.

On the morning of Thursday May 31, Mr. Steve Zuber and Mr. Chris Smallwood (both from Paradigm Minerals and Environmental Services) [Paradigm], discovered that an alleged break in had occurred. According to Paradigm personnel the break in occurred in their laboratory. The Madison County Sheriff was called by Paradigm and reported the alleged break in. A detective from the Madison County Sheriff's office stopped by the site during the week of June 4th to speak with Estate and Paradigm Personnel. It should be noted that the detective was on site the same day that you happened to be on site and you had an opportunity to speak to him. The incident is currently under investigation by the Madison County Sheriff Department.

Due to the alleged break in, the Estate is making the re-installation of the on site cameras a priority. At this time no additional information is known.

In addition, I am submitting a revised schedule that summarizes the action items necessary to restore the security conditions that were in place prior to the beginning of demolition activities and prior to cutting electric power off. It should be noted that the highlighted items have been completed.

The Estate plans to address the security items as follows:

Demolition Activities
Demolition Activities were completed on December 14, 2011 and activities are deemed complete.

Site Power
Power was shut off and disconnected in anticipation of demolishing the foundry building. The power was temporarily provided by the use of generators. On April 2, 2012, Wegman Electric was brought in as a subcontractor to the Estate to restore the power lines.

On April 16, 2012 Wegman completed the restoration of power lines. On May 16, 2012, AmerenUE restored power to the site. As such, power has been restored to the site.

Lighting
The existing lights that were in place prior to demolition will continue to be used. It is possible that location of lights may need to be adjusted and/or rewired. The Estate has begun assessing the lighting situation. Estimated time to complete assessment is approximately 2-3 weeks

Estimated time to tie existing wiring to new power source (transformer) is approximately2-4 weeks.

Gates
Existing gates and signage are properly set in place. No changes and/or modifications are required.

Security Cameras
The existing cameras that were in place prior to demolition will be used. The security cameras will require tie in to new power and trouble shooting to ensure they are working properly after being down for a period oftime. Prior to power shutdown, a couple of security cameras were not functioning properly.

Estimated time to tie to new power source (transformer) and troubleshoot cameras is approximately 2-4 weeks.

Alarm System
No changes were made to the existing alarm system. Based on the recent alleged break in, the Estate and Paradigm are contemplating some modifications.
Estimated time to incorporate modifications will be dependent on the extent of the modifications.

Vegetation Perimeter Up keeping
No changes were made to up keeping of vegetation perimeter. Up keeping of vegetation will continue periodically as needed and/or warranted. No changes and/or modifications are required.

On-Site Security
When the electric power was shut off, the Estate increased on-site security by adding an additional security guard and an additional shift to compensate for not having available the use of security cameras and lighting. Upon restoring electric power and above items, the Estate plans to restore site security to one shift and one security guard. On March 11, 2012, the Estate switched back to one security guard. On-Site Security has been completed.

However, due to the recent alleged break in, the Estate and Paradigm may contemplate some modifications.
Estimated time to incorporate modifications will be dependent on the extent of the modifications, if any.

Coordination with local police/ emergency personnel
Continue submitting Contingency plans to local police and emergency personnel on an annual basis. No changes required at this time.

The next monthly report is due by July 31, 2012. If you have any questions and/or comments, please feel free to contact me at (618) 254-4381 x372, or my cell phone at (314) 348-8211.

Sincerely,
ESTATE OF CHEMETCO, INC.

Jorge Y. Garcia

Jorge Y. Garcia PG
Project Coordinator/EH&S Manager

CC: Donald M. Samson, Trustee
Elliott Stegin, IAD/Paradigm
Chris Cahnovsky, IEPA-Collinsville
Erin Rednour, IEPA-Springfield
James Morgan, IAGO
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